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PROTOTYPING
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LOGISTICS
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CONTRACT MANUFACTURING



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AMERICAN PRODUCTS

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TABLE OF CONTENTS

ABOUT US

Company Profile ..... **Page 4**
Product Selector ..... **Page 5**
Warranty Policy ..... **Page 110**

SHELTERS & WALK-IN CABINETS

AP FORT® *(NEMA TYPE 3R)* ..... **Page 13**

SINGLE BAY OUTDOOR ENCLOSURES

AP MINIFORT® *(NEMA TYPE 3R)* ..... **Page 17**
AP INDEPENDENCE® *(NEMA TYPE 3R)* ..... **Page 21**
AP FREEDOM™ *(NEMA TYPE 4X)* ..... **Page 25**
AP UTILITY™ *(NEMA TYPE 3R / 4)* ..... **Page 35**
AP SMALL TELCO™ *(NEMA TYPE 3R)* ..... **Page 39**
AP BATTERY™ *(NEMA TYPE 3R / 4X)* ..... **Page 43**
AP GUARDIAN™ *(NEMA TYPE 3R / 4X)* ..... **Page 47**

MULTIBAY OUTDOOR ENCLOSURES

AP INDEPENDENCE® *(NEMA TYPE 3R)* ..... **Page 21**
AP FREEDOM™ *(NEMA TYPE 4X)* ..... **Page 25**
AP PATRIOT® *(NEMA TYPE 3R)* ..... **Page 29**
AP BATTERY™ *(NEMA TYPE 3R / 4X)* ..... **Page 43**

INDOOR ENCLOSURES

AP MINUTEMAN™ (MM) *(NEMA TYPE 1)* ..... **Page 33**
AP DEMARCATION™ *(NEMA TYPE 3R)* ..... **Page 41**

FIBER ENCLOSURES (PASSIVE)

AP LIBERTY® *(Pad / Pole) (NEMA TYPE 3R / 4X)* ..... **Page 51**
E-LIBERTY® *(Pad / Pole)* ..... **Page 59**
C-LIBERTY™ *(Pad / Pole/Wall/H-Frame)* ..... **Page 63**
AP BUNKER™ *(Below Grade) (NEMA TYPE 6)* ..... **Page 67**
Slack Storage / Patch Panels / Fiber Optic Enclosures ..... **Page 72**

OPTIONS / ADDONS

Accessories ..... **Page 100**

COMPANY PROFILE



- We are a U.S.-based manufacturer.
- We are a privately held company, only beholden to our customers who depend on the manufacturing capability, reliability and quality from American Products. This relationship, as well as the ability to invest wisely in people, skillsets and equipment, is the cornerstone of our success. We believe in investing in the future through acquisitions and organic growth, which has allowed us to expand our manufacturing capabilities.

ISO 9001:2015 ENGINEERING & MANUFACTURING

Our design team is second to none in innovation and practicality born from experience. American Products designs and manufactures industry leading, thermally managed, outside-plant equipment enclosures.

We adhere to LEAN manufacturing principles and employ a highly trained workforce and the latest generation equipment to manufacture enclosures that meet or exceed industry standards. We offer products created from aluminum, stainless steel and galvanized steel.



Enclosures in regular demand are usually available at short notice.





OUR COMMITMENT TO YOU

MISSION
Our team is invested in delivering designed solutions by being curious, vigilant and aware of the future. Our team members and customers are our family. We strive to live honestly, openly, without fear and with an uncompromising devotion to quality.

VISION
To be the clear leader in our pursuit of providing the highest quality designed solutions made in the U.S.

QUALITY POLICY
It is the policy of American Products to understand and meet customer requirements. This will be accomplished by working as a team and striving for continual improvement in all areas of the organization.

American Products enclosures are BABA Act compliant.

CUSTOMER RELATIONS

"Coming together is a beginning; keeping together is progress; working together is success." *Henry Ford*



Our commitment to ontime delivery, quality and Customer Relations has resulted in our growth and continuous improvements to our capabilities. To us, no one is more important than you, our customer.

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SERIES

		AP FORT®	AP MINIFORT®	AP INDEPENDENCE®		AP FREEDOM™		AP PATRIOT®	AP MM	AP UTILITY	AP BATTERY	AP GUARDIAN	AP LIBERTY	AP BUNKER
	Page	13	17	21		25		29	33	35	43	48	51	67
	Bays	1	1	1	2 - 3	1	2 - 3	2	1	1	1 - 2	1	1	1
	RUs		9 - 24	16 - 42	32 - 126	16 - 42	32 - 126	32 - 60	5 - 32		42		7 - 39	9
	NEMA (Type)	3R*	3R	3R*		4X	4X*	3R*	1*	3R*/ 4*	3R*/ 4*	3R*	3R*/ 4*	6
	ETL		50 / 50E				50 / 50E						50 / 50E†	
APPLICATION	Indoor								X					
	Outdoor	X	X	X	X	X	X	X		X	X	X	X	X
	FTTx	X	X	X	X	X	X	X		X			X	X
	CATV	X	X	X	X	X	X	X		X			X	X
	Cellular Base Station	X	X	X	X	X	X	X		X				
	Satellite / Microwave	X	X	X	X	X	X	X						
	General Industry	X	X	X	X	X	X	X		X				
	Headend	X			X		X							
	OLT	X	X	X	X	X	X	X						
	PON Fiber Dist.	X	X	X	X	X	X						X	X
	Active Fiber Dist.	X	X	X	X	X	X	X						
	Radio/Base Repeater		X	X		X			X					
	Curbside / FDU												X	X
	DAS / Small Cell		X	X	X	X	X		X	X				
	CCTV		X						X	X				
	Battery Backup	X	X	X	X	X	X	X			X	X		
	SAN / Edge	X			X		X							
	Backhaul		X	X		X		X					X	

*** Designed to Specification** **† Does not include AP LIBERTY® 864 & AP LIBERTY® Type 3R Enclosures**

MOUNTING	Wall Bracket		X							X			X	
	Pole Bracket		X							X			X	
	Ground Plinth		X	X	X	X	X						X	
	Battery Box		X	X	X	X	X	Included						
	Below Grade Vault			X		X							X	X
	Joining Collar			X										
	Addon Box			X										
EXTRAS / CLIMATE	Heat Exchanger	X	X	X	X	X	X	X		X				
	1k BTU A/C		X	X	X	X		X		X				
	6k BTU HVAC		X	X	X	X	X	X			X			
	12K BTU HVAC			X	X	X	X	X						
	1 - 5 Ton HVAC	X					X							
	Heater	X	X	X	X	X	X	X						
	Exhaust Fan		X	X	X			X		X	X	X		
	DC Power	X	X	X	X	X	X	X		X				
	Door Alarm Contacts		X	X	X	X	X	X			Included			
	Load Center	X	X	X	X	X	X	X						
	LED Lighting	X		X	X	X	X	X						
		AP FORT®	AP MINIFORT®	AP INDEPENDENCE®		AP FREEDOM™		AP PATRIOT®	AP MM	AP UTILITY	AP BATTERY	AP GUARDIAN	AP LIBERTY	AP BUNKER

ENCLOSURES AT-A-GLANCE (Type 3R)

AMERICAN PRODUCTS

AP FORT® - p13	PART	(HxWxD)	SQ/FT	STANDARD CONFIG	NEMA	ESTIMATED WEIGHT
	AMCS-7277104-STD	108" x 72" x 72"	36	100A panel, 4 Outlets, 2 Lights	3R	2875 lbs
	AMCS-10877104-STD	108" x 72" x 108"	54	100A panel, 4 Outlets, 2 Lights	3R	3710 lbs
	AMCS-14477104-STD	108" x 72" x 144"	72	100A panel, 4 Outlets, 2 Lights	3R	5750 lbs
	AMCS-14496104-STD	108" x 96" x 144"	96	100A panel, 5 Outlets, 4 Lights	3R	6870 lbs
	AMCS-180108104-STD	108" x 108" x 180"	135	100A panel, 6 Outlets, 4 Lights	3R	7750 lbs
	AMCS-252120104-STD	108" x 120" x 252"	210	100A panel, 6 Outlets, 4 Lights	3R	11250 lbs

AP MINIFORT® - p17	PART	(HxWxD)	RACKING	RECOMMENDED HVAC	DOOR LATCH	NEMA	RU	EST. WEIGHT
	AM-202418-9RU	20" x 24" x 18"	19"	Up to 1000 BTU	1x 1/4 Turn Pawl	3R	9	44 lbs
	AM-202822-9RU	20" x 28" x 22"	19" / 23"	Up to 1000 BTU	1x 1/4 Turn Pawl	3R	9	46 lbs
	AM-322418-16RU	32" x 24" x 18"	19"	Up to 2000 BTU	2x 1/4 Turn Pawl	3R	16	53 lbs
	AM-322822-16RU	32" x 28" x 22"	19" / 23"	Up to 2000 BTU	2x 1/4 Turn Pawl	3R	16	56 lbs
	AM-462418-24RU	46" x 24" x 18"	19"	Up to 4000 BTU	2x 1/4 Turn Pawl	3R	24	65 lbs
	AM-462822-24RU	46" x 28" x 22"	19" / 23"	Up to 4000 BTU	2x 1/4 Turn Pawl	3R	24	69 lbs

AP INDEPENDENCE® - p21	PART	(HxWxD)	RECOMMENDED HVAC	NEMA	RU	BAYS / DOORS	ESTIMATED WEIGHT
	AM32P-2625-16RU	32" x 26" x 25"	Up to 2000 BTU	3R	16	1 / 2	210 lbs
	AM32P-2630-16RU	32" x 26" x 30"	Up to 2000 BTU	3R	16	1 / 2	215 lbs
	AM32P-2636-16RU	32" x 26" x 36"	Up to 2000 BTU	3R	16	1 / 2	222 lbs
	AM47P-2625-24RU	47" x 26" x 25"	Up to 4000 BTU	3R	24	1 / 2	220 lbs
	AM47P-2630-24RU	47" x 26" x 30"	Up to 4000 BTU	3R	24	1 / 2	225 lbs
	AM47P-2636-24RU	47" x 26" x 36"	Up to 4000 BTU	3R	24	1 / 2	232 lbs
	AM58P-2625-30RU	58" x 26" x 25"	Up to 10000 BTU	3R	30	1 / 2	227 lbs
	AM58P-2630-30RU	58" x 26" x 30"	Up to 10000 BTU	3R	30	1 / 2	235 lbs
	AM58P-2636-30RU	58" x 26" x 36"	Up to 10000 BTU	3R	30	1 / 2	242 lbs
	AM68P-2625-36RU	68" x 26" x 25"	Up to 10000 BTU	3R	36	1 / 2	230 lbs
	AM68P-2630-36RU	68" x 26" x 30"	Up to 10000 BTU	3R	36	1 / 2	238 lbs
	AM68P-2636-36RU	68" x 26" x 36"	Up to 10000 BTU	3R	36	1 / 2	247 lbs
	AM78P-2625-42RU	78" x 26" x 25"	Up to 10000 BTU	3R	42	1 / 2	245 lbs
	AM78P-2630-42RU	78" x 26" x 30"	Up to 10000 BTU	3R	42	1 / 2	254 lbs
	AM78P-2636-42RU	78" x 26" x 36"	Up to 10000 BTU	3R	42	1 / 2	263 lbs
	AM32P-6036-32RU	32" x 60" x 36"	Up to 2000 BTU	3R	32	2 / 4	300 lbs
	AM32P-6042-32RU	32" x 60" x 42"	Up to 2000 BTU	3R	32	2 / 4	310 lbs
	AM47P-6036-48RU	47" x 60" x 36"	Up to 10000 BTU	3R	48	2 / 4	350 lbs
	AM47P-6042-48RU	47" x 60" x 42"	Up to 10000 BTU	3R	48	2 / 4	375 lbs
	AM58P-6036-60RU	58" x 60" x 36"	Up to 10000 BTU	3R	60	2 / 4	390 lbs
	AM58P-6042-60RU	58" x 60" x 42"	Up to 10000 BTU	3R	60	2 / 4	415 lbs
	AM68P-6036-72RU	68" x 60" x 36"	Up to 10000 BTU	3R	72	2 / 4	440 lbs
	AM68P-6042-72RU	68" x 60" x 42"	Up to 10000 BTU	3R	72	2 / 4	465 lbs
	AM78P-6036-84RU	78" x 60" x 36"	Up to 10000 BTU	3R	84	2 / 4	475 lbs
	AM78P-6042-84RU	78" x 60" x 42"	Up to 10000 BTU	3R	84	2 / 4	500 lbs

AP PATRIOT® - p29	PART	(HxWxD)	RECOMMENDED HVAC	NEMA	RU	ESTIMATED WEIGHT
	AM32P-4036-16/32RU	48" x 40" x 36"	Up to 2000 BTU	3R	32	290 lbs
	AM32P-4042-16/32RU	48" x 40" x 42"	Up to 2000 BTU	3R	32	310 lbs
	AM47P-4036-24/48RU	63" x 40" x 36"	Up to 10000 BTU	3R	48	340 lbs
	AM47P-4042-24/48RU	63" x 40" x 42"	Up to 10000 BTU	3R	48	355 lbs
	AM58P-4036-30/60RU	74" x 40" x 36"	Up to 10000 BTU	3R	60	365 lbs
	AM58P-4042-30/60RU	74" x 40" x 42"	Up to 10000 BTU	3R	60	400 lbs

AP UTILITY™ - p35	PART	(HxWxD)	DOOR LATCH	GLAND PLATES	NEMA	ESTIMATED WEIGHT
	AMW-14126-(x)F	14" x 12" x 6"	1x 1/4 Turn Pawl	1	3R	15 lbs (alum) / 25 lbs (steel)
	AMW-24206-(x)F	24" x 20" x 6"	2x 1/4 Turn Pawl	1	3R	34 lbs (alum) / 59 lbs (steel)
	AMW-242410-(x)F	24" x 24" x 10"	2x 1/4 Turn Pawl	1	3R	47 lbs (alum) / 80 lbs (steel)
	AMW-362410-(x)F	36" x 24" x 10"	3-Point Latch	1	3R	66 lbs (alum) / 112 lbs (steel)
	AMW-322412-(x)F	32" x 24" x 12"	3-Point Latch	1	3R	63 lbs (alum) / 107 lbs (steel)
	AMW-483012-(x)F	48" x 30" x 12"	3 Point Latch	2	3R	108 lbs (alum) / 183 lbs (steel)

AP BATTERY™ - p43	PART	(HxWxD)	NEMA	BATT. STRING CAP.	CLIMATE	BAYS / DOORS	EST. WEIGHT
	AM78B-3030-5S-F	83" x 30" x 30"	3R	5	Exhaust Fan / Filter	1 / 1	Varies by final design & integration
	AM78B-6030-10S-F	83" x 60" x 30"	3R	10	Exhaust Fan / Filter	2 / 2	

AP GUARDIAN™ - p47	PART	(HxWxD)	NEMA	BATT. STRING CAP.	CLIMATE	BAYS / DOORS	EST. WEIGHT
	AM-522624-HSPN	83" x 30" x 30"	3R		Optional Fan / Filter	1 / 2	Varies by config

AP LIBERTY® (PON) - p51	PART	(HxWxD)	MOUNTING	DOORS	RACKING	SC PORT CAP.	NEMA	RU	EST. WEIGHT
	AMLE-281818-7RU	28" x 18" x 18"	Pole / Pad	1 Swing / 1 Panel	19" Vert	Up to 288	3R	7	110 lbs
	AMLE-303018-14RU	30" x 30" x 18"	Pad	1 Swing / 1 Panel	19" / 23" Horiz	Up to 288	3R	14	120 lbs
	AMLE-342418-17RU	34" x 24" x 18"	Pole / Pad	1 Swing / 1 Panel	19" Horiz	Up to 432	3R	17	150 lbs
	AMLE-363018-19RU	36" x 30" x 18"	Pad	1 Swing / 1 Panel	19" / 23" Horiz	Up to 432	3R	19	130 lbs
	AMLE-423018-22RU	42" x 30" x 18"	Pad	1 Swing / 1 Panel	19" / 23" Horiz	Up to 576	3R	22	145 lbs

ENCLOSURES AT-A-GLANCE (Type 4X, 6 & 1)

AMERICAN PRODUCTS

AP FREEDOM™ - p25	PART	(HxWxD)	NEMA	RU	BAYS / DOORS	ESTIMATED WEIGHT
	**AM32F-3030-16RU**	32" x 30" x 30"	4X	16	1 / 2	TBD
	AM32F-3036-16RU	32" x 30" x 36"	4X	16	1 / 2	TBD
	AM47F-3030-24RU	47" x 30" x 30"	4X	24	1 / 2	TBD
	AM47F-3036-24RU	47" x 30" x 36"	4X	24	1 / 2	TBD
	AM58F-3030-30RU	58" x 30" x 30"	4X	30	1 / 2	TBD
	AM58F-3036-30RU	58" x 30" x 36"	4X	30	1 / 2	TBD
	AM68F-3030-36RU	68" x 30" x 30"	4X	36	1 / 2	TBD
	AM68F-3036-36RU	68" x 30" x 36"	4X	36	1 / 2	TBD
	AM78F-3030-42RU	78" x 30" x 30"	4X	42	1 / 2	TBD
	AM78F-3036-42RU	78" x 30" x 36"	4X	42	1 / 2	TBD
	**AM32F-6036-32RU**	32" x 60" x 36"	4X	32	2 / 4	TBD
	AM32F-6042-32RU	32" x 60" x 42"	4X	32	2 / 4	TBD
	AM47F-6036-48RU	47" x 60" x 36"	4X	48	2 / 4	TBD
	AM47F-6042-48RU	47" x 60" x 42"	4X	48	2 / 4	TBD
	AM58F-6036-60RU	58" x 60" x 36"	4X	60	2 / 4	TBD
	AM58F-6042-60RU	58" x 60" x 42"	4X	60	2 / 4	TBD
	AM68F-6036-72RU	68" x 60" x 36"	4X	72	2 / 4	TBD
	AM68F-6042-72RU	68" x 60" x 42"	4X	72	2 / 4	TBD
	AM78F-6036-84RU	78" x 60" x 36"	4X	84	2 / 4	TBD
	AM78F-6042-84RU	78" x 60" x 42"	4X	84	2 / 4	TBD
	**AM32F-9036-48RU**	32" x 90" x 36"	4X	48	3 / 6	TBD
	AM32F-9042-48RU	32" x 90" x 42"	4X	48	3 / 6	TBD
	AM47F-9036-72RU	47" x 90" x 36"	4X	72	3 / 6	TBD
	AM47F-9042-72RU	47" x 90" x 42"	4X	72	3 / 6	TBD
	AM58F-9036-90RU	58" x 90" x 36"	4X	90	3 / 6	TBD
	AM58F-9042-90RU	58" x 90" x 42"	4X	90	3 / 6	TBD
	AM68F-9036-108RU	68" x 90" x 36"	4X	108	3 / 6	TBD
	AM68F-9042-108RU	68" x 90" x 42"	4X	108	3 / 6	TBD
	AM78F-9036-126RU	78" x 90" x 36"	4X	126	3 / 6	TBD
	AM78F-9042-126RU	78" x 90" x 42"	4X	126	3 / 6	TBD

AP MINUTEMAN™ - p33	PART	(HxWxD)	NEMA	RU	EST. WEIGHT (GALV)
	**AM-122220-MTR**	12" x 22" x 19"	1	5	TBD
	AM-122223-MTR	12" x 22" x 23"	1	5	TBD
	AM-302220-MTR	30" x 22" x 19"	1	16	TBD
	AM-302223-MTR	30" x 22" x 23"	1	16	TBD
	AM-462220-MTR	46" x 22" x 19"	1	24	TBD
	AM-462223-MTR	46" x 22" x 23"	1	24	TBD
	AM-602220-MTR	60" x 22" x 19"	1	32	TBD
	AM-602223-MTR	60" x 22" x 23"	1	32	TBD

AP UTILITY™ - p35	PART	(HxWxD)	DOOR LATCH	GLAND PLATES	NEMA	ESTIMATED WEIGHT
	**AMW-14126-(x)**	14" x 12" x 6"	1x 1/4 Turn Pawl	1	4(X)	15 lbs (alum) / 25 lbs (steel)
	AMW-24206-(x)	24" x 20" x 6"	2x 1/4 Turn Pawl	1	4(X)	34 lbs (alum) / 59 lbs (steel)
	AMW-242410-(x)	24" x 24" x 10"	2x 1/4 Turn Pawl	1	4(X)	47 lbs (alum) / 80 lbs (steel)
	AMW-362410-(x)	36" x 24" x 10"	3-Point Latch	1	4(X)	66 lbs (alum) / 112 lbs (steel)
	AMW-322412-(x)	32" x 24" x 12"	3-Point Latch	1	4(X)	63 lbs (alum) / 107 lbs (steel)
	AMW-483012-(x)	48" x 30" x 12"	3 Point Latch	2	4(X)	108 lbs (alum) / 183 lbs (steel)

AP BATTERY™ - p43	PART	(HxWxD)	NEMA	BATT. STRING CAP.	CLIMATE	BAYS / DOORS	EST. WEIGHT
	AM78B-3030-5S-6K	83" x 30" x 30"	4X	5	6K HVAC w/ Heat	1 / 1	Varies by final design & integration
	AM78B-6030-10S-6K	83" x 60" x 30"	4X	10	6K HVAC w/ Heat	2 / 2	

AP LIBERTY® (PON) - p51 *AP BUNKER™ (PON)* - p67	PART	(HxWxD)	MOUNTING	DOORS	RACKING	SC PORT CAP.	NEMA	RU	EST. WEIGHT
	**AML-281818-7RU**	28" x 18" x 18"	Pole / Pad	2 Swing	19" Vert	Up to 288	4X	7	110 lbs
	AML-303018-14RU	30" x 30" x 18"	Pad	2 Swing	19" / 23" Horiz	Up to 288	4X	14	120 lbs
	AML-313028-39RU	31" x 30" x 28"	Pad	3 Swing	19" / 23" Horiz	Up to 864	4X	39	160 lbs
	AML-342418-17RU	34" x 24" x 18"	Pole / Pad	2 Swing	19" Horiz	Up to 432	4X	17	150 lbs
	AML-363018-19RU	36" x 30" x 18"	Pad	2 Swing	19" / 23" Horiz	Up to 432	4X	19	130 lbs
	AML-423018-22RU	42" x 30" x 18"	Pad	2 Swing	19" / 23" Horiz	Up to 576	4X	22	145 lbs
	AMLBG (Bunker)	24" x 24" x 18"	Below Grade	1 Swing	19" Horiz	Up to 288	6	9	100 / 145 lbs

PATCH PANEL ENCLOSURES AT-A-GLANCE

	PART	SPECIFICATIONS		APPLICATIONS
	**AM-FWM** *(page 94)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor Wall 6.5"x5.5"x1.25" 1 8 8	• Basements • Premesis Locations • Campuses • In-building • FTTH Deployments
	**AM-202** *(page 82)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor Wall 10.4"x12.5"x3" 2 12 2	• Basements • Premesis Locations • Campuses • In-building • FTTH Deployments
	**AM-206** *(page 84)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor Wall 15.1"x15.9"x5.3" 6 48 4	• Basements • Premesis Locations • Campuses • In-building • FTTH Deployments
	**AM-903** *(page 86)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor 1 RU (19" / 23") 1.75"x17"x14" 3 24 2	• Datacenters • Headend • FTTx Deployments
	**AM-804** *(page 88)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor 2 RU (19" / 23") 3.5"x17"x14" 4 32 2	• Datacenters • Headend • FTTx Deployments
	**AM-906** *(page 90)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor 2 RU (19" / 23") 3.25"x17"x14" 6 48 4	• Datacenters • Headend • FTTx Deployments
	**AM-8012** *(page 92)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor 4 RU (19" / 23") 7"x17"x11" 12 96 12	• Datacenters • Headend • FTTx Deployments
	**AM-80-SB** *(page 76)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor 4 RU (19" / 23") 7"x17"x11" N/A N/A 9	• Datacenters • Headend • FTTx Deployments
	**AM-804** *(page 88)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor 2 RU (19" / 23") 3.5"x17"x14" 4 32 2	• Datacenters • Headend • FTTx Deployments

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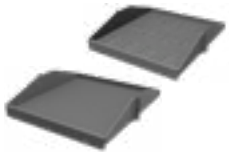
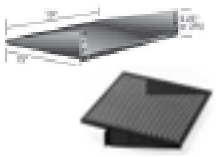
PATCH PANEL ENCLOSURES AT-A-GLANCE

	PART	SPECIFICATIONS		APPLICATIONS
	**AM-50-SDC** *(page 74)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Indoor Wall 21.5"x21.5"x6.5" N/A N/A 12	• Premesis Locations • Campuses • FTTH Deployments
	**AM-104** *(page 78)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Outdoor Wall 13.5"x13.5"x3.25" 4 24 2	• Premesis Locations • Campuses • FTTH Deployments
	**AM-106** *(page 80)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Splice Capacity**	Outdoor Wall 16.2"x15.9"x5.3" 6 48 4	• Premesis Locations • Campuses • FTTH Deployments
	**PN-483012** *AP DEMARCATION™* *(page 41)*	**Installation Type** **Mounting** **Size (HxWxD)** **Plate Capacity** **Adapter Capacity** **Construction**	Indoor Wall 48"x30"x12" 12 144 Galv Steel	• Premesis Locations • Campuses • FTTH Deployments
	**OFC-4830-PL** Cable Slack Storage	**Installation Type** **Mounting** **Size (HxWxD)** **Slack Capacity**	Outdoor Wall / Pole 48"x30"x12" 100ft	• FTTH Deployments
	**AM-3432-FSF-G-B** AP H Frame Cable Slack Storage *(page 72)*	**Installation Type** **Mounting** **Size (HxWxD)** **Slack Capacity**	Outdoor Pole 29.51"T x32.34"W 250ft	• FTTH Deployments

SMALL TELECOMMUNICATIONS ENCLOSURES

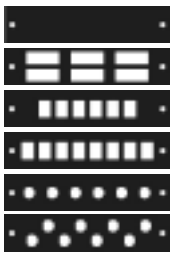
	PART	SPECIFICATIONS		APPLICATIONS
	**AM-352620** *AP SMALL TELCO™* *(page 39)*	**Installation Type** **Mounting** **Size (HxWxD)** **Capacity** **Battery Capacity** **Construction** **NEMA**	Outdoor Wall/Pole/Pad 35"x26"x20" 9RU 19" ??? Aluminum Type 3R	• Fiber to Premesis • Fiber to Node • Fiber to Curb

ACCESSORIES AT-A-GLANCE

	PART	SPECIFICATIONS	
	**AM-1915-LTT-P** Portable Laptop Tray *(page 104)*	**Mounting** **Construction** **Finish**	Door Hanging Bracket .090 Aluminum Powder Coat Beige
	**AM-(19)1615-LTT** Cabinet / Wall Mount Laptop Tray *(page 104)*	**Mounting** **Construction** **Finish**	Permanent Wall Mount .090 Aluminum Powder Coat Beige
	**AM-2014-LTT-1RU** **AM-1614-LTT-1RU** Rack Mount Sliding Tray *(page 104)*	**Mounting** **Construction** **Finish**	1RU Rack (19") HRPO Steel Powder Coat Black
	**AMPA-20247CS** Rack Mount CPU Shelf *(page 104)*	**Mounting** **Construction** **Locking Hardware** **Finish**	3RU Rack (19") HRPO Steel Stainless Steel Powder Coat Beige
	**AM-2123-23BTV** ***Center Mount Battery Trays (Vented / Unvented)*** ***4 Post Mount Battery Trays Also Available.*** *(page 105)*	**Mounting** **Construction** **Finish** **Inside Dims**	3RU Rack (19") GALV Steel / Aluminum Powder Coat Black 21.250"W x 23.250"D
	**Rack Mount Shelves** *(page 105)*	**Mounting** **Construction** **Finish**	3RU Rack (19") GALV Steel Powder Coat Black
	**AM-RG3519-2RU-BLK** **AM-RG7019-4RU-BLK** **AM-RG1419-8RU-BLK** Rackguard *(page 105)*	**Mounting** **Construction** **Finish**	2RU, 4RU, 8RU Rack (19") HRPO Steel Powder Coat Black
	**Rack Mount Fiber Storage** *(page 103)*	**Mounting** **Construction** **Slack Capacity** **Finish**	5RU Rack (19") HRPO Steel 50ft Powder Coat Black
	**Horizontal Wire Management** *(page 103)*	**Mounting** **Construction** **Finish**	1RU Rack (19") HRPO Steel Powder Coat Black
	**Verticle Wire Management** *(page 103)*	**Mounting** **Construction** **Finish** **Included Hardware**	19" / 23" Rack HRPO Steel Powder Coat Black Stainless Steel

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FIBER ACCESSORIES AT-A-GLANCE

	PART	SPECIFICATIONS	
	**AM-L** (Loaded) **AM-N** (Empty) **AM-BLANK** Fiber Plates / Adapters *(page 102)*	**Plate Mounting** **Construction** **Finish** **Adapter Compat.** **Adapter Density** Contact your Salesperson for adapter specifications... 	Standard LGX "Snap-In" .090 Aluminum Powder Coat Black / White ST, FC, SC, LC, and more Simplex, Duplex & Quad (LC)
	**AM-WC-1U3P-PNL** Patch Panel 1RU *(page 100)*	**Mounting** **Construction** **Finish** **Plate Density**	1RU Rack (19") GALV Steel Powder Coat Black 3 Plates
	**AMLPNL-144-U** Patch Panel 3RU *(page 100)*	**Mounting** **Construction** **Finish** **Adapter Density**	3RU Rack (19") GALV Steel Powder Coat Black 144 SC or 288 LC Dup.
	**AMLPNL-14-LGX** LGX Panel 3RU *(page 101)*	**Mounting** **Construction** **Finish** **LGX Density**	3RU Rack (19") GALV Steel Powder Coat Black 14 LGX Snapln Modules or Plates
	**AML-USP** Universal LGX Panel 3RU *(page 101)*	**Mounting** **Construction** **Finish** **LGX Density**	RU Rack (19") GALV Steel Powder Coat Black 14 LGX Modules
	**LGX Splitter Panel 1RU**	**Mounting** **Construction** **Finish** **LGX Splitter Storage** **Adapter Density**	1RU Rack (19") GALV Steel Powder Coat Black 2 LGX Modules 2 SC Input + 48 SC Output
	**LGX Cassette PLC Splitters** *(page 96)*	**Splitter Options** **Construction** **Finish**	1x4, 1x8, 1x16, 1x32, 1x64 .090 Aluminum Powder Coat Black
	**Fiber Pigtails** *(page 99)*	**Configurations**	Contact Salesperson for Info.

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AP FORT®

Thermal Shelters & Walk-In Cabinets



https://amprod.us/fortqr

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AP FORT® Standard Offerings

Galvanized Steel. Outstanding impact and corrosion resistance. Walls, floor and ceiling 14 gauge. Ceiling joists 12 gauge.

NEMA Protection: Protection Level Type 3R. This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Power: Pre-wired 20 Amp receptacles are a standard feature.

Load Center: 100 Amp load center w/ main & branch circuit breakers, 12 slot.

Vinyl Flooring: Commercial Grade

Locking: Secure, strong lockable door knobs

LED Lighting

Lifting Eyes/Forklift Tubes: Crane ready lifting eyes and forklift tubes for a convenient way to offload and position your shelter.

Insulation: R13 in ceiling and walls & R19 in the floor



Standard Color / finish choices:
Colors shown here are approximate.

Beige | White | Grey | Aggregate | Custom



Shown with Options



Shown with Options



Shown with Options

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AP FORT® Options

- **Upgraded Load Center**
- **Copper Ground Bar**
- **Numbered 19" or 23" EIA Standard Relay Racks**
- **Ladder Racks**
- **Generator Plug & Interlock**
- **Battery Racks**
- **Surge Arrestor**
- **Door Alarm**

AP FORT® Climate Control Options

AC and Heat*
- 1 TON to 5 TON Units High Volume
- AC or DC Powered

High Output Ventilation
- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat
- Filters Available

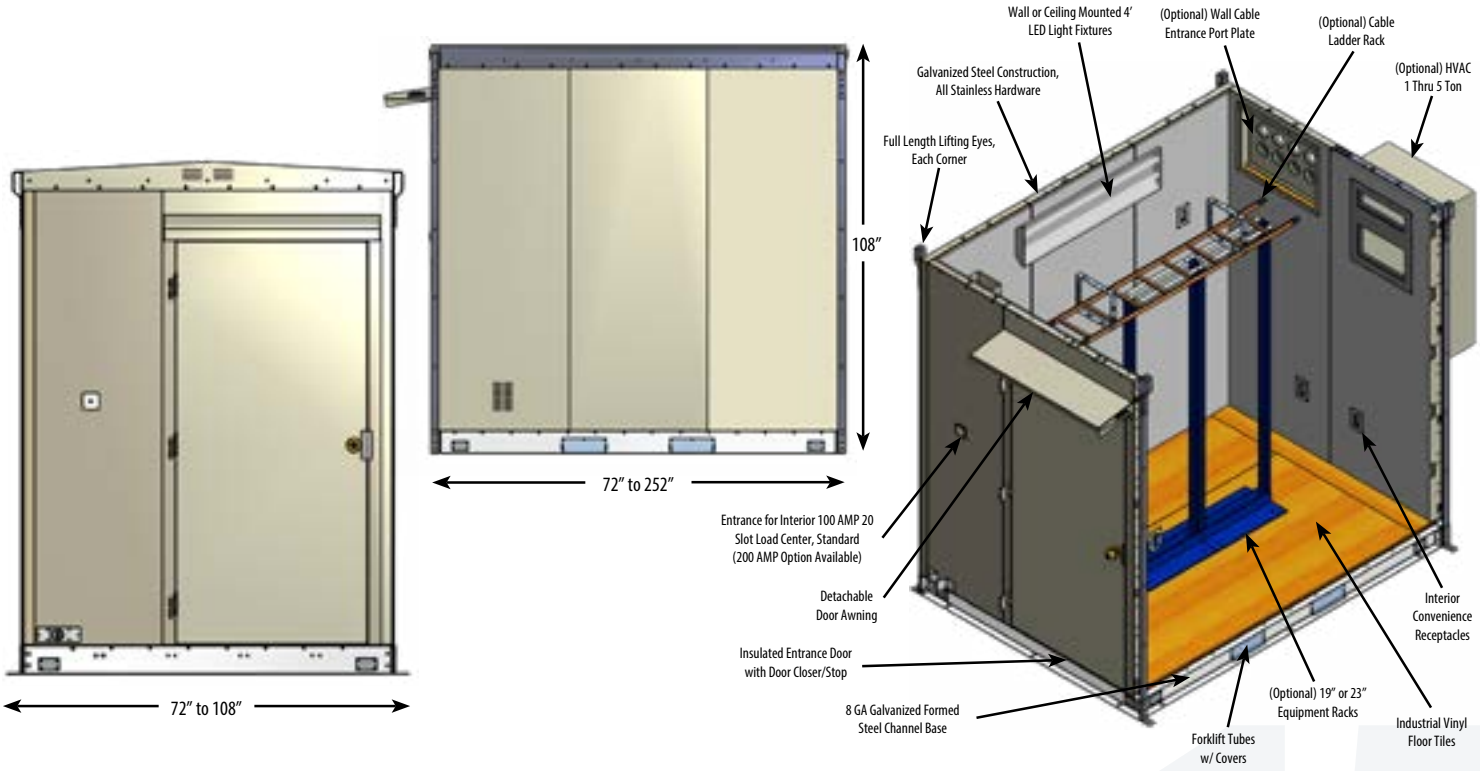
Heat Exchanger
- Consult factory for sizes.

Redundancy
- Dual AC with a controller that switches lead/lag AC.

Baseboard Heat
- Built in adjustable thermostat
- 1500W, 115VAC

Battery Heater
- 115VAC

AP FORT® Basic Layout w/ Options



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AP FORT®
Technical Specifications

PART NUMBER	SHELTER SIZE (ext.)	STANDARD CONFIGURATION	ESTIMATED WEIGHT
AMCS-7277104-STD	108" H x 72" W x 72" D *(9' H x 6' W x 6' D)*	100A panel, 4 Outlets, 2 Lights	2875 lbs
AMCS-10877104-STD	108" H x 72" W x 108" D *(9' H x 6' W x 9' D)*	100A panel, 4 Outlets, 2 Lights	3710 lbs
AMCS-14496104-STD	108" H x 96" W x 144" D *(9' H x 8' W x 12' D)*	100A panel, 6 Outlets, 4 Lights	6870 lbs
AMCS-180108104-STD	108" H x 108" W x 180" D *(9' H x 9' W x 15' D)*	100A panel, 6 Outlets, 4 Lights	7750 lbs
AMCS-252120104-STD	108" H x 120" W x 252" D *(9' H x 10' W x 21' D)*	100A panel, 6 Outlets, 4 Lights	11250 lbs

*Interior Height is 95"

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Shelter Construction	Floor, wall, ceiling and roof panels are bolted construction and made out of 14 gauge galvanized steel. Base is bolted construction and the channels are made from 8 gauge galvanized steel.	Walls, ceiling, roof and floor panels are constructed out of 14 gauge G90 galvanized steel. Wall, roof & ceiling panels are powder coated outdoor rated TGIC paint. All stainless steel high strength bolted connections. Designed and built to NEMA 3R Standards. Building structure compliant to latest IBC codes and regulations. Shelter designed to withstand up to 155 MPH wind load rating.
Interior Walls	All interior walls are bright white faced 1/2" wall panels well suited for mounting equipment of all types. All seams trimmed with aluminum angles for a clean finish.	Interior walls constructed out of 1/2" thick white Poly Vinyl Chloride (PVC) solid white ridged plastic. Panels are fastened directly to the formed wall panel sub-structure with stainless fasteners. Seams trimmed with .090" thick 5052-H32 aluminum angles.
Electrical System	All electrical conduit runs are surface mounted on the interior of the shelter which facilitates easy visual inspection. Interior panels and junctions utilized in standard configuration.	All galvanized EMT conduit, fittings and junctions are utilized within the electrical system. Standard Schneider QO load centers & breakers used unless otherwise specified. All electrical installation is supervised by a certified electrician in accordance with the latest NEC regulations and guidelines. All standard electrical components are UL listed and/or recognized.
Insulation	All exterior walls, floor and ceiling are insulated.	3.5" thick R11 Owens Corning fiberglass batt insulation utilized for exterior walls, ceiling and roof.
Entrance Door	Custom designed powder coated galvanized steel entrance door with keyed door knob and door closer.	40" wide x 82.75" tall door constructed from 14 ga galvanized steel, welded & riveted construction. All surfaces powder coated outdoor rated TGIC paint. Door includes (3) stainless 4.5" leaf hinges, keyed door knob with 4-7/8" striker plate and surface mount door closer with hold open arm.
Lifting Eyes	Formed full height lifting straps on each corner and fork lift tubes in the base to facilitate crane or forklift positioning.	Lifting eye straps constructed out of .25" thick hot rolled steel and hot dip galvanized. High strength bolted connections from the shelter base and up each wall corner for maximum rigidity. Forklift tubes within base frame constructed out of 12 gauge G90 galvanized steel with high strength bolted connections to the base frame structure. Tube covers included with shelter.
Lighting	Interior ceiling mounted LED light fixtures. Outside light fixture options available.	(2) to (4) 4' LED light fixtures mounted on the ceiling. LED light fixtures are UL/CSA listed and/or recognized.

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AP MINIFORT®

Maximum Versatility and Affordability

Type 3R



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AP MINIFORT® Standard Offerings

.090 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Protection Level Type 3R. This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation. Tested and certified to UL 50 / 50E standards for safety.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.



Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Power: A pre-wired 20 Amp quad receptacle is a standard feature.

Numbered Adjustable Equipment Racks: 19" or 23"

Ground Terminal Strip: 7 position aluminum strip

Locking: Extremely secure, strong and impermeable. Lockable handles and hinges are made from Type 300 stainless steel.

Standard Color / finish choices:
Colors shown here are approximate.

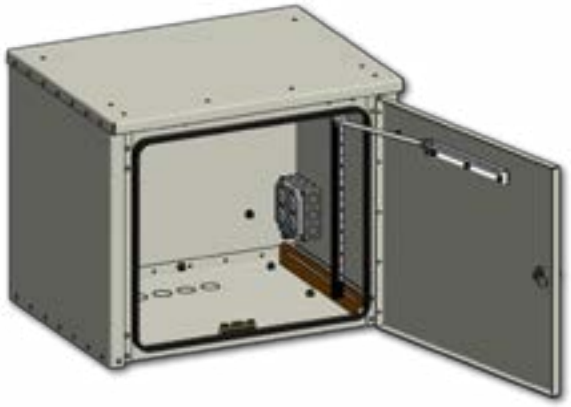
Beige	White
Grey	Custom



Shown with Options



Shown with Options



Call a Sales Representative for Assistance.

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AP MINIFORT® Options

Ground Pad Mount
6" Flanged base with mounting holes.
Front & back removable panels



Pole Mount Bracket
For use with mounting clamps, straps or lag bolts. Compatible with 4"-8" diameter poles.



Wall Mount Bracket
Flanged back panels with mounting holes.



Door Alarm

Battery Compartment

Upgraded Copper Ground Bar

Additional Set of Rails

Load Center

Battery Tray

Generator Plug & Interlock

Insulation
Recommended for climate control options

AP MINIFORT® Climate Control Options

AC 1,000 to 6,000 BTU/hr*
- Built-in Heater
- Corrosion Protection
- Cold Start Heater

Exhaust Fan
- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat
- Filters

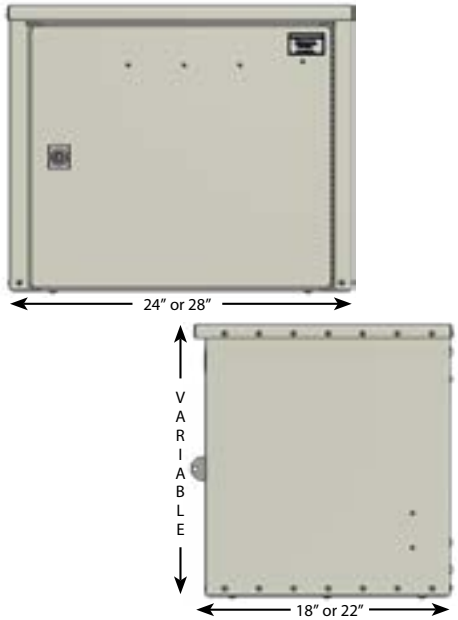
Heat Exchanger
- Consult factory for sizes.

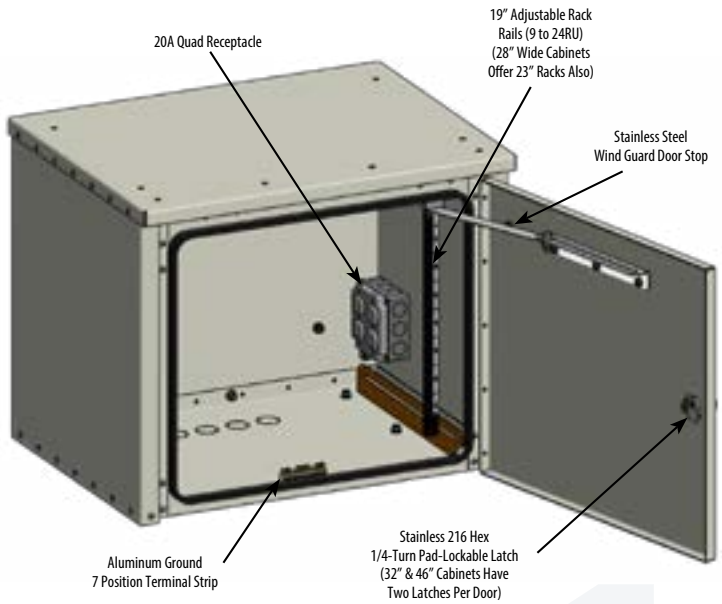
AC 1,000 to 6,000 BTU/hr
- 48 VDC Powered

Heater
- Built in adjustable thermostat
- 100W-1000W 115VAC

Battery Heater Pad
- 115VAC
- Fits on Battery Tray

AP MINIFORT® Basic Layout





Call a Sales Representative for Assistance.

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AP MINIFORT®
Technical Specifications

PART NUMBER	ENCLOSURE SIZE	CAPACITY	EST. WEIGHT	ETL CERTS
AM-202418-9RU	20" T x 24" W x 18" D	9RU Total Equipment Space, 19" Adjustable Rack	44 lbs	UL 50 / 50E CSA C22.2#94.1 CSA C22.2#94.2
AM-202822-9RU	20" T x 28" W x 22" D	9RU Total Equipment Space, 19" or 23" Adjustable Rack	46 lbs	
AM-322418-16RU	32" T x 24" W x 18" D	16RU Total Equipment Space, 19" Adjustable Rack	53 lbs	
AM-322822-16RU	32" T x 28" W x 22" D	16RU Total Equipment Space, 19" or 23" Adjustable Rack	56 lbs	
AM-462418-24RU	46" T x 24" W x 18" D	24RU Total Equipment Space, 19" Adjustable Rack	65 lbs	
AM-462822-24RU	46" T x 28" W x 22" D	24RU Total Equipment Space, 19" or 23" Adjustable Rack	69 lbs	

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom, doors & door frames are of bolted aluminum construction.	Constructed out of .090" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA 3R Standards.
Interior Rack	19" equipment rack (16 to 24RU racks). Rack rails are designed to accept 12-24 screws, included with the cabinet. Racks are adjustable front to back. Rails on 28" wide cabinets are reversible from 19" to 23" configurations. One rack per cabinet is included, extra rack rails can be included to facilitate four post mounted equipment.	Rack rails are constructed out of 12 gauge galvanized steel and powder coated matte black and labeled with RU designations. Rails designed to EIA standards.
Door Latches	216-Hex 1/4-turn latch w/pad locking brackets. The 20" tall cabinet(s) use one latch per door, the 32" and 46" tall cabinets use two latches per door.	All cabinet fasteners, handles & latching mechanisms are stainless steel.
Door Gasket Seal	Bulb door gasket that mechanically fastens to the cabinet door frame. Gasket seal compliant to NEMA 3R standards.	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Door Hinge	Stainless steel piano cabinet door hinge, full height.	.040 thick 300 series stainless steel continuous hinge. 1.25" open, .50" knuckle and 3/32" diameter stainless pin.
Cable Entrances	Each cabinet will have (4) per-set cable entrance locations in the bottom. (4) 1.375" Ø knock-outs towards rear of cabinet	Mechanical knock-outs in the bottom of each bay equipment chamber are laser cut to facilitate easy break-out slug access.
Grounding Provisions	Door ground strap and terminal strip for chassis ground.	6AWG braided cable door grounding strap secured to masked studs for each cabinet door. 5 position aluminum terminal strip mounted to interior bottom, mounted to stand-offs for easy access.
Door Stops	Integrated door wind guard stop on each door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Convenience Receptacle	Quad 20 amp receptacle positioned in rear lower section of each equipment bay.	(2) duplex 20 amp 5-20R receptacles mounted in 4" junction boxes in cabinet. Wiring done by others in the field.
Mounting Plinth (optional)	4" or 6" tall mounting plinth with front & rear access panels for slack storage.	Plinth is constructed out of .125 thick 5052-H32 aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Front & rear access panels are secured with 216 hex head security screws. Hex key provided with this option.

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AP INDEPENDENCE®

Type 3R

SINGLE BAY

https://amprod.us/indsingleqr

MULTI BAY

https://amprod.us/indmultiqr



AMERICAN® PRODUCTS

AP INDEPENDENCE® Standard Offerings

.125 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Protection Level Type 3R. This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Power: A pre-wired 20 Amp quad receptacle is a standard feature.

Numbered Adjustable Equipment Racks: 19" or 23"

Solar Shield Roof: Includes a double wall roof to reduce the radiant heat and internal cooling requirements of the enclosure.



Shown with Options

Grounding Terminal: 18 position aluminum strip (single-bay), 10 position copper ground bar (multi-bay)

Locking: Extremely secure, strong and impermeable. Lockable handles and hinges are made from Type 304 stainless steel.

Lifting Eyes: Crane ready lifting eyes for a convenient way to offload and position your enclosure.

Standard Color / finish choices:
Colors shown here are approximate.

Beige | White | Grey | Custom

Expandability (single bay models): Remove side-mount adapter plates to add accessories or joining collars without sacrificing interior space. Cabinets may be expanded to meet your project requirements.



AP INDEPENDENCE® Options

- **Load Center**
- **Upgraded Copper Ground Bar (Single Bay)**
- **Additional Set of Rails**
- **Laptop Tray**
- **Generator Plug & Interlock**
- **LED Interior Lighting**
- **Battery Compartment**
- **L Rail Set**
- **Door Alarm**
- **Battery Tray**
- **Insulation** Recommended for climate control options
- **Mounting Plinth 4" or 6"**

AP INDEPENDENCE® Climate Control Options

AC 1,000 to 12,000 BTU/hr*
- Built-in Heater
- Corrosion Protection
- Cold Start Heater

Exhaust Fan
- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat
- Filters

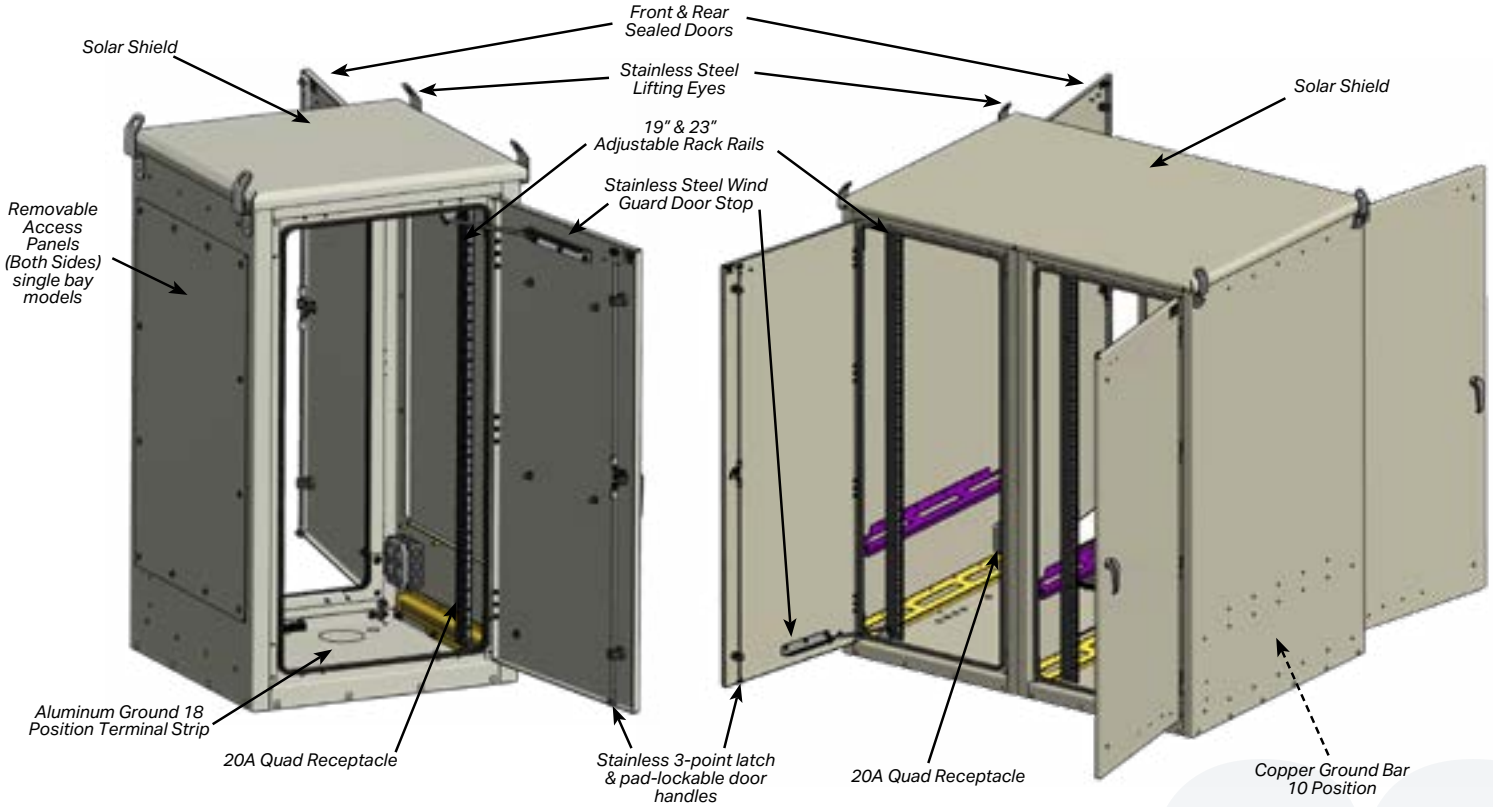
Heat Exchanger
- Consult factory for sizes.

AC 1,000 to 6,000 BTU/hr
- 48 VDC Powered

Heater
- Built in adjustable thermostat
- 100W-1000W 115VAC

Battery Heater Pad
- 115VAC
- Fits on Battery Tray

AP INDEPENDENCE® Basic Layouts



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PART NUMBER	ENCLOSURE SIZE	BAYS / DOORS	CAPACITY	EST. WEIGHT
AM32P-2625-16RU	32" T x 26" W x 25" D	1 / 2	16RU Total Equipment Space, 19" or 23" Adjustable Rack	210 lbs
AM32P-2630-16RU	32" T x 26" W x 30" D	1 / 2	16RU Total Equipment Space, 19" or 23" Adjustable Rack	215 lbs
AM32P-2636-16RU	32" T x 26" W x 36" D	1 / 2	16RU Total Equipment Space, 19" or 23" Adjustable Rack	222 lbs
AM47P-2625-24RU	47" T x 26" W x 25" D	1 / 2	24RU Total Equipment Space, 19" or 23" Adjustable Rack	220 lbs
AM47P-2630-24RU	47" T x 26" W x 30" D	1 / 2	24RU Total Equipment Space, 19" or 23" Adjustable Rack	225 lbs
AM47P-2636-24RU	47" T x 26" W x 36" D	1 / 2	24RU Total Equipment Space, 19" or 23" Adjustable Rack	232 lbs
AM58P-2625-30RU	58" T x 26" W x 25" D	1 / 2	30RU Total Equipment Space, 19" or 23" Adjustable Rack	227 lbs
AM58P-2630-30RU	58" T x 26" W x 30" D	1 / 2	30RU Total Equipment Space, 19" or 23" Adjustable Rack	235 lbs
AM58P-2636-30RU	58" T x 26" W x 36" D	1 / 2	30RU Total Equipment Space, 19" or 23" Adjustable Rack	242 lbs
AM68P-2625-36RU	68" T x 26" W x 25" D	1 / 2	36RU Total Equipment Space, 19" or 23" Adjustable Rack	230 lbs
AM68P-2630-36RU	68" T x 26" W x 30" D	1 / 2	36RU Total Equipment Space, 19" or 23" Adjustable Rack	238 lbs
AM68P-2636-36RU	68" T x 26" W x 36" D	1 / 2	36RU Total Equipment Space, 19" or 23" Adjustable Rack	247 lbs
AM78P-2625-42RU	78" T x 26" W x 25" D	1 / 2	42RU Total Equipment Space, 19" or 23" Adjustable Rack	245 lbs
AM78P-2630-42RU	78" T x 26" W x 30" D	1 / 2	42RU Total Equipment Space, 19" or 23" Adjustable Rack	254 lbs
AM78P-2636-42RU	78" T x 26" W x 36" D	1 / 2	42RU Total Equipment Space, 19" or 23" Adjustable Rack	263 lbs
AM32P-6036-32RU	32" T x 60" W x 36" D	2 / 4	32RU Total Equipment Space, 16RU Each Bay	300 lbs
AM32P-6042-32RU	32" T x 60" W x 42" D	2 / 4	32RU Total Equipment Space, 16RU Each Bay	310 lbs
AM47P-6036-48RU	47" T x 60" W x 36" D	2 / 4	48RU Total Equipment Space, 24RU Each Bay	350 lbs
AM47P-6042-48RU	47" T x 60" W x 42" D	2 / 4	48RU Total Equipment Space, 24RU Each Bay	375 lbs
AM58P-6036-60RU	58" T x 60" W x 36" D	2 / 4	60RU Total Equipment Space, 30RU Each Bay	390 lbs
AM58P-6042-60RU	58" T x 60" W x 42" D	2 / 4	60RU Total Equipment Space, 30RU Each Bay	415 lbs
AM68P-6036-72RU	68" T x 60" W x 36" D	2 / 4	72RU Total Equipment Space, 36RU Each Bay	440 lbs
AM68P-6042-72RU	68" T x 60" W x 42" D	2 / 4	72RU Total Equipment Space, 36RU Each Bay	465 lbs
AM78P-6036-84RU	78" T x 60" W x 36" D	2 / 4	84RU Total Equipment Space, 42RU Each Bay	475 lbs
AM78P-6042-84RU	78" T x 60" W x 42" D	2 / 4	84RU Total Equipment Space, 42RU Each Bay	500 lbs

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom, doors & door frames are of bolted aluminum construction.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA 3R Standards.
Interior Rack	19" equipment rack (16 to 42RU racks). Rack rails are designed to accept 12-24 screws (included), Racks are adjustable front to back, rails are reversible from 19" to 23" configurations. One rack per equipment bay is included, extra rack rails can be included to facilitate four post mounted equipment or added capacity with front & rear mounted equipment. Total static distributed weight load capacity is 1500lbs per bay, when optional 2nd set of rack rails is installed.	Rack rails are constructed out of 12 gauge galvanized steel and powder coated matte black and labeled with RU designations. Rails designed to EIA standards. Cable pass-thru openings are included when rack is in 19" configuration (multibay models).
Door Handle/Latch	3-point pad lockable door latch & handle on all (2) doors.	All cabinet fasteners, handles & latching mechanisms are stainless steel.
Door Gasket Seal	Bulb door gasket that mechanically fastens to the cabinet door frame. Gasket seal compliant to NEMA 3R standards.	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Door Hinge	Stainless steel lift off cabinet door hinge. (3) hinges per door on cabinets up to 58" tall. Cabinets 68" tall and above have (4) hinges per door.	1.75" open x 3" long 16 ga. (.060" thick) stainless steel lift off leaf hinge. Male leaf with fixed .125" Ø stainless pin.
Cable Entrances	Each cabinet will have (8) pre-set cable entrance locations in the bottom. (2) 4"Ø & (6) 1.0" Ø knock-outs.	Mechanical knock-outs in the bottom of each bay equipment chamber are laser cut to facilitate easy break-out slug access.
Grounding Provisions	Door ground strap and terminal strip for chassis ground.	6AWG braided cable door grounding strap secured to masked studs for each cabinet door. 18 position aluminum terminal strip (10 position copper groundbar on multibay models)) mounted to interior bottom, mounted to stand-offs for easy access.
Door Stops	Integrated door wind guard stop on each door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Convenience Receptacle	Quad 20 amp receptacle positioned in rear lower section of each equipment bay.	(1) quad 20 amp 5-20R receptacle mounted in a 4" junction box (2x quads on multibay models). Wiring done by others in the field. Note: If outdoor load center option is included, receptacles will be wired to a breaker in the load center.
Sun Shield	Top sun shield covering the top of each equipment bay to reduce the affect of solar loading.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Sun shield attached to cabinet top on standoffs to leave sufficient gap to facilitate air movement. Openings small enough to comply with insect intrusion restrictions per UL 50E guidelines.
Lifting Eyes	Custom Stainless lifting eyes on top (4) corners of cabinet. Note: For recommended lifting procedures, please refer to instruction manual.	Material for lifting eyes is 12 gauge 304-2B stainless steel. Each lifting eye is attached with high strength carriage bolts. Lifting eyes can be removed after cabinet is in place if desired.
Mounting Plinth (optional)	4" or 6" tall mounting plinth with front & rear access panels for slack storage.	Plinth is constructed out of .125" thick 5052-H32 aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Front & rear access panels are secured with 216 hex head security screws. Hex key provided with this option.

Call a Sales Representative for Assistance.

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AP FREEDOM ™

Type 4X



SINGLE BAY

https://amprod.us/freedomqr

MULTI BAY

https://amprod.us/freedommultiqr

AMERICAN® PRODUCTS

AP FREEDOM™ Standard Offerings



.125 / .190 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Protection Level Type 4X. This enclosure protects against rain, sleet, snow, splashing, hose directed water and damage from external ice formation. Multibay models are tested and certified to UL 50 / 50E standards for safety.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Power: A pre-wired 20 Amp quad receptacle is a standard feature.

Numbered Adjustable Equipment Racks: 19" or 23"

Solar Shield Roof: Includes a double wall roof to reduce the radiant heat and internal cooling requirements of the enclosure.

Grounding Terminal: 10 position copper ground bar (all models), with external ground provisions (multibay models).

Locking: Extremely secure, strong and impermeable. Lockable handles and hinges are made from Type 304 stainless steel.

Lifting Eyes: Crane ready lifting eyes for a convenient way to offload and position your enclosure.

Proudly Handcrafted in the USA

Standard Color / finish choices:
Colors shown here are approximate.

Beige | White | Grey | Custom



Triple-Bay Shown with Options







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AP FREEDOM™ Options

- **Load Center**
- **LED Interior Lighting**
- **Additional Set of Rails**
- **Laptop Tray**
- **Generator Plug & Interlock**
- **Battery Tray**
- **Battery Compartment**
- **Mounting Plinth 4" or 6"**
- **Door Alarm**
- **L Rail Set**
- **Insulation**
  Recommended for climate control options

AP FREEDOM™ Climate Control Options

AC 1,000 to 12,000 BTU/hr*
- Built-in Heater
- Corrosion Protection
- Cold Start Heater

AC 1,000 to 6,000 BTU/hr
- 48 VDC Powered

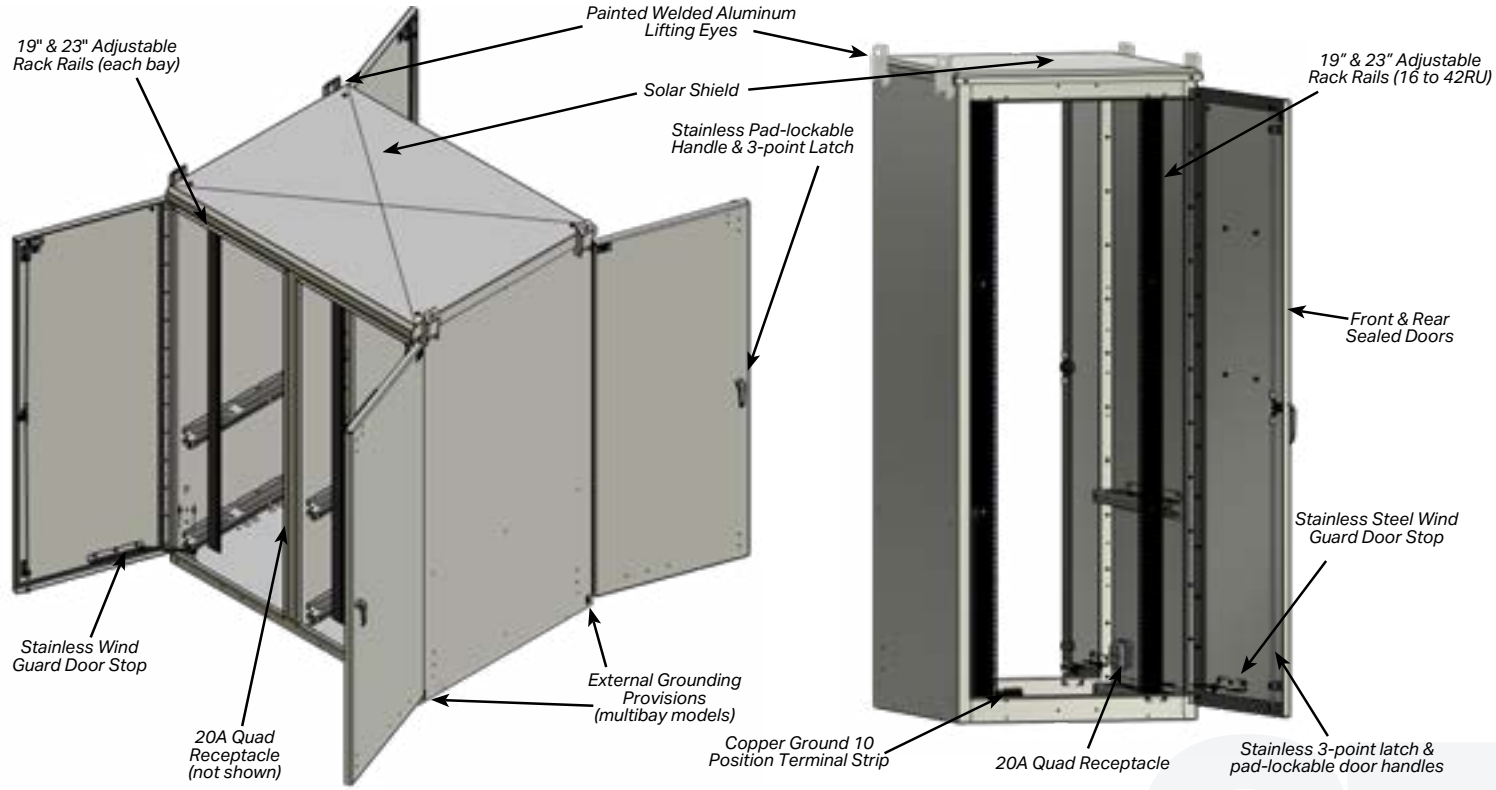
Exhaust Fan
- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat
- Filters

Heater
- Built in adjustable thermostat
- 100W-1000W 115VAC

Heat Exchanger
- Consult factory for sizes.

Battery Heater Pad
- 115VAC
- Fits on Battery Tray

AP FREEDOM™ Basic Layout



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AP FREEDOM ™

PART NUMBER	ENCLOSURE SIZE	BAYS / DOORS	CAPACITY	ETL	EST. WEIGHT
AM32F-3030-16RU	32" T x 30" W x 30" D	1 / 2	16RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM32F-3036-16RU	32" T x 30" W x 36" D	1 / 2	16RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM47F-3030-24RU	47" T x 30" W x 30" D	1 / 2	24RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM47F-3036-24RU	47" T x 30" W x 36" D	1 / 2	24RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM58F-3030-30RU	58" T x 30" W x 30" D	1 / 2	30RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM58F-3036-30RU	58" T x 30" W x 36" D	1 / 2	30RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM68F-3030-36RU	68" T x 30" W x 30" D	1 / 2	36RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM68F-3036-36RU	68" T x 30" W x 36" D	1 / 2	36RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM78F-3030-42RU	78" T x 30" W x 30" D	1 / 2	42RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM78F-3036-42RU	78" T x 30" W x 36" D	1 / 2	42RU Total Equipment Space, 19" or 23" Adjustable Rack		TBD
AM32F-6036-32RU	32" T x 60" W x 36" D	2 / 4	32RU Total Equipment Space, 16RU Each Bay	50 / 50E	TBD
AM32F-6042-32RU	32" T x 60" W x 42" D	2 / 4	32RU Total Equipment Space, 16RU Each Bay	50 / 50E	TBD
AM47F-6036-48RU	47" T x 60" W x 36" D	2 / 4	48RU Total Equipment Space, 24RU Each Bay	50 / 50E	TBD
AM47F-6042-48RU	47" T x 60" W x 42" D	2 / 4	48RU Total Equipment Space, 24RU Each Bay	50 / 50E	TBD
AM58F-6036-60RU	58" T x 60" W x 36" D	2 / 4	60RU Total Equipment Space, 30RU Each Bay	50 / 50E	TBD
AM58F-6042-60RU	58" T x 60" W x 42" D	2 / 4	60RU Total Equipment Space, 30RU Each Bay	50 / 50E	TBD
AM68F-6036-72RU	68" T x 60" W x 36" D	2 / 4	72RU Total Equipment Space, 36RU Each Bay	50 / 50E	TBD
AM68F-6042-72RU	68" T x 60" W x 42" D	2 / 4	72RU Total Equipment Space, 36RU Each Bay	50 / 50E	TBD
AM78F-6036-84RU	78" T x 60" W x 36" D	2 / 4	84RU Total Equipment Space, 42RU Each Bay	50 / 50E	TBD
AM78F-6042-84RU	78" T x 60" W x 42" D	2 / 4	84RU Total Equipment Space, 42RU Each Bay	50 / 50E	TBD
AM32F-9036-48RU	32" T x 90" W x 36" D	3 / 6	48RU Total Equipment Space, 16RU Each Bay	50 / 50E	TBD
AM32F-9042-48RU	32" T x 90" W x 42" D	3 / 6	48RU Total Equipment Space, 16RU Each Bay	50 / 50E	TBD
AM47F-9036-72RU	47" T x 90" W x 36" D	3 / 6	72RU Total Equipment Space, 24RU Each Bay	50 / 50E	TBD
AM47F-9042-72RU	47" T x 90" W x 42" D	3 / 6	72RU Total Equipment Space, 24RU Each Bay	50 / 50E	TBD
AM58F-9036-90RU	58" T x 90" W x 36" D	3 / 6	90RU Total Equipment Space, 30RU Each Bay	50 / 50E	TBD
AM58F-9042-90RU	58" T x 90" W x 42" D	3 / 6	90RU Total Equipment Space, 30RU Each Bay	50 / 50E	TBD
AM68F-9036-108RU	68" T x 90" W x 36" D	3 / 6	108RU Total Equipment Space, 36RU Each Bay	50 / 50E	TBD
AM68F-9042-108RU	68" T x 90" W x 42" D	3 / 6	108RU Total Equipment Space, 36RU Each Bay	50 / 50E	TBD
AM78F-9036-126RU	78" T x 90" W x 36" D	3 / 6	126RU Total Equipment Space, 42RU Each Bay	50 / 50E	TBD
AM78F-9042-126RU	78" T x 90" W x 42" D	3 / 6	126RU Total Equipment Space, 42RU Each Bay	50 / 50E	TBD

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom, doors & door frames are of welded aluminum construction.	Constructed out of .125" thick 5052-H-32 Aluminum, (125" +.190" thick on multibay models). All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA 4X Standards.
Interior Rack	Rack rails are designed to accept 12-24 screws, included with the cabinet. Racks are adjustable front to back, rails are reversible from 19" to 23" configurations. One rack per equipment bay is included, extra rack rails can be included to facilitate four post mounted equipment or added capacity with front & rear mounted equipment.	Rack rails are constructed out of 12 gauge galvanized steel and powder coated matte black and labeled with RU designations. Rails designed to EIA standards. Cable pass-thru openings are included when rack is in 19" configuration (multibay models).
Door Handle/Latch	3-point pad lockable door latch & handle on all (2) doors.	All cabinet fasteners, handles & latching mechanisms are stainless steel.
Door Gasket Seal	Flat self-adhesive gasket/weatherstrip is attached to door interior for a gasket seal that is compliant to NEMA 4 standards.	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Door Hinge	Stainless steel continuous door hinge on front and rear doors.	Full length 16 ga. (.060" thick) stainless steel piano hinge.
Cable Entrances	Single Bay Models: Each cabinet will have (8) pre-set cable entrance locations in the bottom. (2) 4"Ø & (6) 1.0" Ø knock-outs. Multibay Models: Sealed gland plates for cable entry.	Single Bay Models: Mechanical knock-outs in the bottom of each bay equipment chamber are laser cut to facilitate easy break-out slug access. Multibay Models: Painted aluminum gland plates secured w/ stainless fasteners & sealing gasket.
Grounding Provisions	Door ground strap and terminal strip for chassis ground. External Ground provisions included on multibay models.	6AWG braided cable door grounding strap secured to masked studs for each cabinet door. 10 position copper terminal strip mounted to interior bottom, mounted to stand-offs for easy access.
Door Stops	Integrated door wind guard stop on each door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Convenience Receptacle	Quad 20 amp receptacle positioned in rear lower section of each equipment bay.	(1) duplex 20 amp 5-20R receptacles mounted in 4" junction boxes in each equipment bay (2x duplex on multibay models). Wiring done by others in the field. Note: If outdoor load center option is included, receptacles will be wired to a breaker in the load center.
Sun Shield	Top sun shield covering the top of each equipment bay to reduce the affect of solar loading.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Sun shield attached to cabinet top on standoffs to leave sufficient gap to facilitate air movement. Openings small enough to comply with insect intrusion restrictions per UL 50E guidelines.
Lifting Eyes	Custom lifting eyes on top (4) corners of cabinet. Note: For recommended lifting procedures, please refer to instruction manual.	Material for lifting eyes are heavy gauge aluminum. Each lifting eye is attached with high strength carriage bolts. Lifting eyes can be removed after cabinet is in place if desired.
Mounting Plinth (optional)	4" or 6" tall mounting plinth with front & rear access panels for slack storage.	Plinth is constructed out of .125 thick 5052-H32 aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Front & rear access panels are secured with 216 hex head security screws. Hex key provided with this option.

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AP PATRIOT®

Multi-Function Enclosure

Type 3R



https://amprod.us/patriotqr

AMERICAN® PRODUCTS

AP PATRIOT® Standard Offerings

.125 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Protection Level Type 3R. This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Power: A pre-wired 20 Amp quad receptacle is a standard feature.

Numbered Adjustable Equipment Racks: 19" or 23"

Solar Shield Roof: Includes a double wall roof to reduce the radiant heat and internal cooling requirements of the enclosure.

Ground Terminal Strip: 12 position aluminum strip

Locking: Extremely secure, strong and impermeable. Lockable handles and hinges are made from Type 304 stainless steel.

Lifting Eyes: Crane ready lifting eyes for a convenient way to offload and position your enclosure.

Battery Compartment



Shown with Options

Standard Color / finish choices:
Colors shown here are approximate.

Beige	White
Grey	Custom



Shown with Options



Shown with Options



Call a Sales Representative for Assistance.

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AP PATRIOT® Options

- **Load Center**
- **Upgraded Copper Ground Bar**
- **Insulation** Recommended for climate control options
- **Laptop Tray**
- **Generator Plug & Interlock**
- **LED Interior Lighting**
- **Battery Tray**
- **Door Alarm**

AP PATRIOT® Climate Control Options

HVAC 1,000 to 12,000 BTU/hr
- Built-in Heater
- Corrosion Protection
- Cold Start Heater

Exhaust Fan
- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat
- Filters *

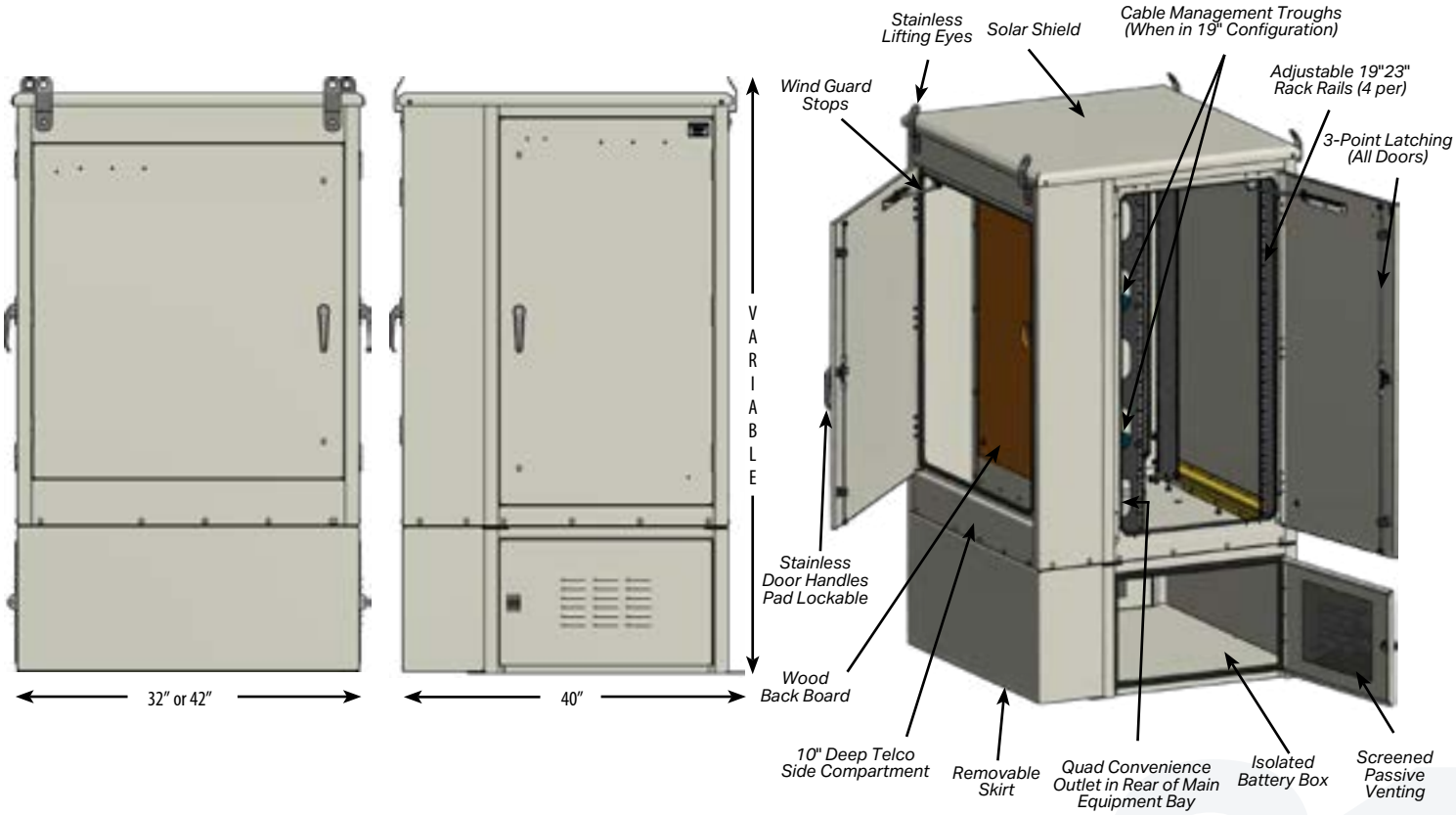
Heat Exchanger
- Consult factory for size

HVAC 1,000 to 6,000 BTU/hr
- 48 VDC Powered

Heater
- Built in adjustable thermostat
- 100W-1000W 115VAC

Battery Heater Pad
- 115VAC
- Fits on Battery Tray

AP PATRIOT® Basic Layout



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AP PATRIOT®
Technical Specifications



PART NUMBER	ENCLOSURE SIZE	CAPACITY	EST. WEIGHT
AM32P-4036-16/32RU	48″H 40″W x 36″D	Front & Rear Racks Included, 16RU / Rack, 32RU Total	290 lbs
AM32P-4042-16/32RU	48″H 40″W x 42″D	Front & Rear Racks Included, 16RU / Rack, 32RU Total	310 lbs
AM47P-4036-24/48RU	63″H 40″W x 36″D	Front & Rear Racks Included, 24RU / Rack, 48RU Total	340 lbs
AM47P-4042-24/48RU	63″H 40″W x 42″D	Front & Rear Racks Included, 24RU / Rack, 48RU Total	355 lbs
AM58P-4036-30/60RU	74″H 40″W x 36″D	Front & Rear Racks Included, 30RU / Rack, 60RU Total	365 lbs
AM58P-4042-30/60RU	74″H 40″W x 42″D	Front & Rear Racks Included, 30RU / Rack, 60RU Total	400 lbs

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom, doors & door frames are of bolted aluminum construction. Cabinet platform includes equipment chamber with racks, battery compartment mounting base & full size auxiliary equipment side compartment. (See details below)	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured biege, outdoor rated TGIC. Designed and built to NEMA 3R Standards.
Interior Rack	19"/23" equipment rack (16 to 30RU racks). Rack rails are designed to accept 12-24 screws, included with the cabinet. Racks are adjustable front to back, rails are reversable from 19" to 23" configurations. Two racks per equipment bay are included in each Patriot Enclosure. When racks are configured for 19" equipment, up to (4) cable management troughs are included to facilitate fiber or cable passage from front to back on the left side of the cabinet. If racks are configured for 23" equipment this feature is not available.	Rack rails are constructed out of 12 guage galvanized steel and powder coated matte black and labeled with RU designations. Rails designed to EIA standards, cable pass thru openings are included when rack is in 19" configuration.
Door Handle/Latch	3-point pad lockable door latch & handle on both doors	All cabinet fasteners, handles & latching mechanisms are stainless steel
Door Gasket Seal	Bulb door gasket that machanically fastens to the cabinet door frame. Gasket seal compliant to NEMA 3R standards	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Door Hinge	Stainless steel lift off cabinet door hinge. (3) hinges per door on cabinets up to 58" tall. Cabinets 68" tall and above have (4) hinges per door.	1.75" open x 3" long 16 ga. (.060" thick) stainless steel lift off leaf hinge. Male leaf with fixed .125" Ø stainless pin.
Cable Entrances	Each cabinet will have (8) per-set cable entrance locations in the bottom. (2) 4″Ø & (6) 1.0" Ø knock-outs	Mechanical knock-outs in the bottom of each bay equipment chamber are laser cut to facilitate easy break-out slug access.
Grounding Provisions	Door ground strap and terminal strip for chassis ground	6AWG braided cable door grounding strap secured to masked studs for each cabinet door. 18 position aluminum terminal strip mounted to interior bottom, mounted to stand-offs for easy access.
Door Stops	Integrated door wind guard stop on each door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Convenience Receptacle	Quad 20 amp receptacle positioned in rear lower section of each equiment bay	(2) duplex 20 amp 5-20R receptacles mounted in 4" junction boxes in each equipment bay. Wiring done by others in the field. Note: If outdoor load center option is included, receptacles will be wired to a breaker in the load center.
Sun Shield	Top sun shield covering the top of the equipment bay to reduce the affect of solar loading.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured biege, outdoor rated TGIC. Sun shield attached to cabinet top on standoffs to leave sufficient gap to facilitate air movement. Openings small enough to comply with insect intrusion restrictions per UL 50E guidelines.
Lifting Eyes	Custom Stainless lifting eyes on top (4) corners of canbinet. Note: For recommended lifting procedures, please refer to instruction manual.	Material for lifting eyes is 12 guage 304-2B stainless steel. Each lifting eye is attached with high strength carriage bolts. Lifting eyes can be removed after cabinet is in place if desired.
Battery / Storage Compartment	16"H x 30"W x (depth) bottom battery compartment integrated with cabinet. Front & rear door access with screened louvers for passive ventilation. Battery compartment also serves as mounting base for cabinet.	Battery/Storage compartment is constructed out of .125 thick 5052-H32 aluminum. All surfaces powder coated light textured biege, outdoor rated TGIC. Front & rear access doors are secured with 216 hex head security 1/4-turn latches. Hex key provided with this assembly.
Auxiliary Equipment Side Car	Compartment walls, top, bottom, doors & door frames are of bolted aluminum construction. Compartment includes full size door with gasket seal & stainless 3-point pad-lockable latching system, 3/4" plywood back board with edged pass thru opening into equipment chamber.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA 3R Standards.

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AP MINUTEMAN ™

Indoor Repeater Enclosure

Additional Applications: Wireless, Routers, Switches and Fiber Routing Equipment

https://amprod.us/mmqr

ABS Plastic



Galvanized Steel

AMERICAN® PRODUCTS



Galvanized Steel: G90 Paintable

Powder Coating: Powder coated and tested for telecom enclosures.

600lb Capacity: Static distributed weight load capacity (2nd set of rack rails recommended).

Texture Beige Body

Black Door

Standard Color / finish
Colors shown here are approximate.

NEMA Protection: Protection Level Type 1. Indoor Rated. This enclosure protects against falling debris.

Mounting: Floor Mountable

Locking: Secure, strong and impermeable. Locking mechanism is made from Type 304 stainless steel.

Numbered Fixed Equipment Racks: Standard 19" EIA Racks for Indoor Small Business Equipment

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

PART NUMBER	HEIGHT	WIDTH	DEPTH	RU	CONSTRUCTION
AM-122220-MTR	12"	22"	19"	5	GALVANIZED STEEL
AM-122224-MTR	12"	22"	23"	5	GALVANIZED STEEL
AM-302220-MTR	30"	22"	19"	16	GALVANIZED STEEL
AM-302224-MTR	30"	22"	23"	16	GALVANIZED STEEL
AM-462220-MTR	46"	22"	19"	24	GALVANIZED STEEL
AM-462224-MTR	46"	22"	23"	24	GALVANIZED STEEL
AM-602220-MTR	60"	22"	19"	32	GALVANIZED STEEL
AM-602224-MTR	60"	22"	23"	32	GALVANIZED STEEL

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AP UTILITY™

Indoor / Outdoor Wall Mount Enclosure

Type 3R & Type 4



https://amprod.us/utilityqr

AMERICAN® PRODUCTS

AP UTILITY™ Standard Offerings



.080 Aircraft Grade Aluminum:

Outstanding corrosion resistance.
(Stainless Steel and Mild Steel also available.)



NEMA Protection:

Protection Level Type 4 (3R for vented versions). This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation.



Stainless Steel Hardware:

We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.



Powder Coating:

Enclosures are powder coated and tested for outdoor telecom enclosures.



Locking:

Extremely secure, strong and impermeable. Padlockable handles and hinges are made from Type 304 stainless steel.



Standard Color / finish choices:

Colors shown here are approximate.

Beige	White
Grey	Custom



Call a Sales Representative for Assistance.

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AP UTILITY™ Options

Duplex Receptacle

Door Alarm

5 Position Isolated Copper Ground Bar

3/4" Plywood or 1/8" Aluminum Backboard

Wall Mount Bracket
Flanged back panels with mounting holes.

Pole Mount Bracket
Bracket for use with mounting clamps, straps or lag bolts. Compatible with 4"-8" diameter poles.

AP UTILITY™ Climate Control Options

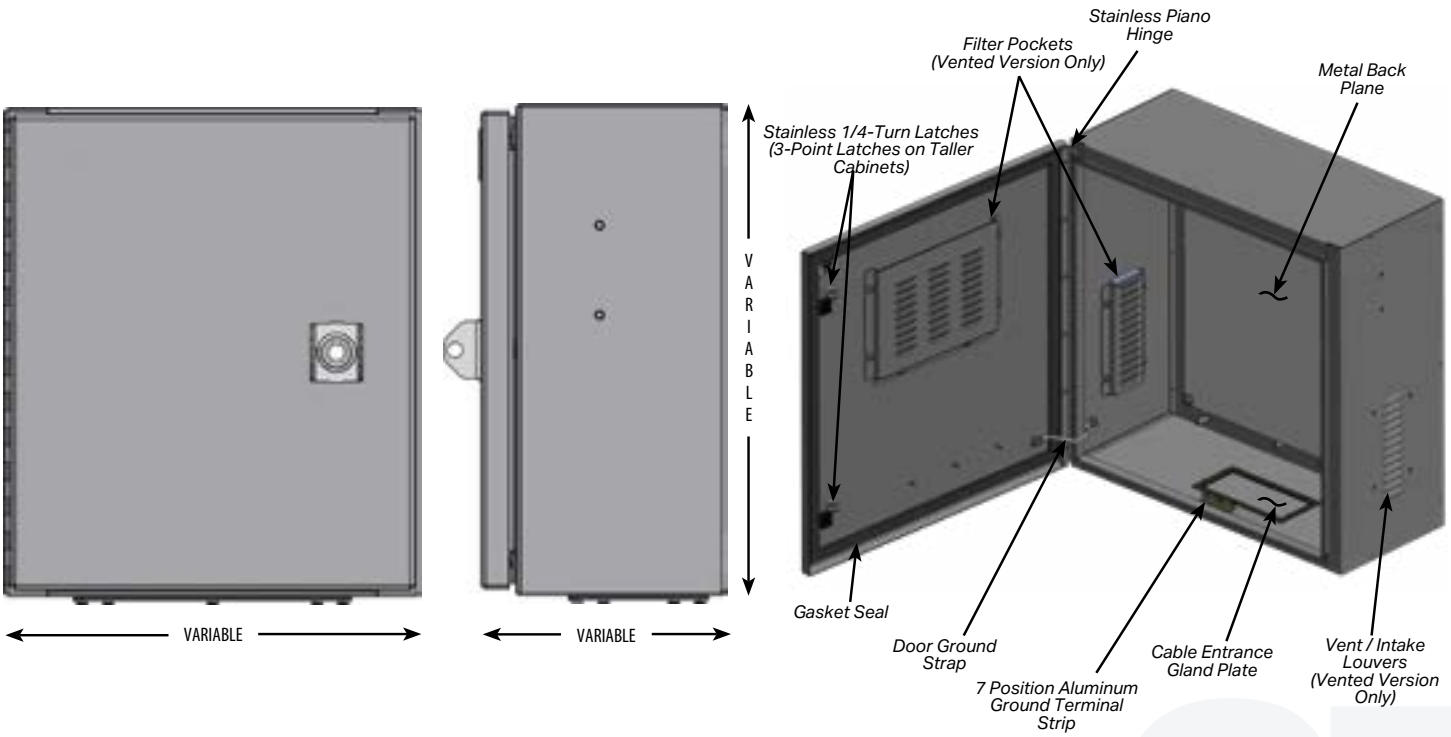
***AC 1,000 BTU/hr with Thermostat**

***Exhaust Fan:** 115VAC / 12, 24 or 48VDC; adjustable thermostat is included.

Insulation
Recommended for climate control options

**A/C and Fan options apply to 10" or deeper enclosures only*

AP UTILITY™ Basic Layout



Call a Sales Representative for Assistance.

ver. 08/12/2025

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AP UTILITY™
Technical Specifications



PART NUMBER	ENCLOSURE SIZE	DOOR LATCH	GLAND PLATES	TYPE	EST. WEIGHT
AMW-14126-(x)	14" T x 12" W x 6" D	1x 1/4 Turn Pawl	1	4(X)	15 lbs (alum) / 25 lbs (steel)
AMW-24206-(x)	24" T x 20" W x 6" D	2x 1/4 Turn Pawl	1	4(X)	34 lbs (alum) / 59 lbs (steel)
AMW-242410-(x)	24" T x 24" W x 10" D	2x 1/4 Turn Pawl	1	4(X)	47 lbs (alum) / 80 lbs (steel)
AMW-362410-(x)	36" T x 24" W x 10" D	3-Point Latch	1	4(X)	66 lbs (alum) / 112 lbs (steel)
AMW-322412-(x)	32" T x 24" W x 12" D	3-Point Latch	1	4(X)	63 lbs (alum) / 107 lbs (steel)
AMW-483012-(x)	48" T x 30" W x 12" D	3-Point Latch	2	4(X)	108 lbs (alum) / 183 lbs (steel)
AMW-14126-(x)F	14" T x 12" W x 6" D	1x 1/4 Turn Pawl	1	3R	15 lbs (alum) / 25 lbs (steel)
AMW-24206-(x)F	24" T x 20" W x 6" D	2x 1/4 Turn Pawl	1	3R	34 lbs (alum) / 59 lbs (steel)
AMW-242410-(x)F	24" T x 24" W x 10" D	2x 1/4 Turn Pawl	1	3R	47 lbs (alum) / 80 lbs (steel)
AMW-362410-(x)F	36" T x 24" W x 10" D	3-Point Latch	1	3R	66 lbs (alum) / 112 lbs (steel)
AMW-322412-(x)F	32" T x 24" W x 12" D	3-Point Latch	1	3R	63 lbs (alum) / 107 lbs (steel)
AMW-483012-(x)F	48" T x 30" W x 12" D	3-Point Latch	2	3R	108 lbs (alum) / 183 lbs (steel)

COMPONENT FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom & sides are welded construction with front access doors. Cabinets are wall or pole mountable. Vented versions come with filtered intake and fan mounting brackets. (fan sold separately)	Constructed out of 14 gauge steel or .080" thick 5052-H32 aluminum. All surfaces pre-treated and powder coated. Designed and built to NEMA 4 Standards for sealed cabinets & NEMA 3R for vented cabinets.
Interior Backplane	Removable back plane is mounted on standoff on the interior back wall of the cabinet. Provides mounting surface for internal component(s) to be housed within the cabinet without penetrating the exterior back wall of the enclosure.	Interior backplane is powder coated white. Other internal component mounting provisions are available as optional equipment.
Door Handle/Latch	Pad-lockable 1/4-turn latches with 216 HEX inserts on cabinets 24" tall and below. Pad-lockable handles with 3-point latches equipped on cabinets 32" tall and above.	All 1/4-turn latch and 3-point latch components are stainless steel and sealed.
Door Hinge	Continuous piano hinge running full length of door	1.5" open 16 ga. (.060" thick) stainless steel piano hinge with 1/8" diameter pin and 1/2" knuckles
Cable Entrances	(1) or (2) removable sealed cable gland plates on the bottom surface. Can be drilled or punched to accommodate cable entrance requirements.	Gland plates are 4"x8" & made from either 14 gauge steel or .080" 5052-H32 aluminum & powder coated
Grounding Provisions	Grounding terminal strip is located on the bottom of the cabinet and mounted and bonded to cabinet wrap. Door grounding strap included.	7 position aluminum terminal strip with set screws for 6 AWG to 14 AWG wire.
Pole/Wall Mount Bracket Kits	Optional pole/wall mount kit available. User friendly lift off design. (2) bracket sets ber kit.	Pole mount brackets made from 12 gauge galvanized steel & powder coated.

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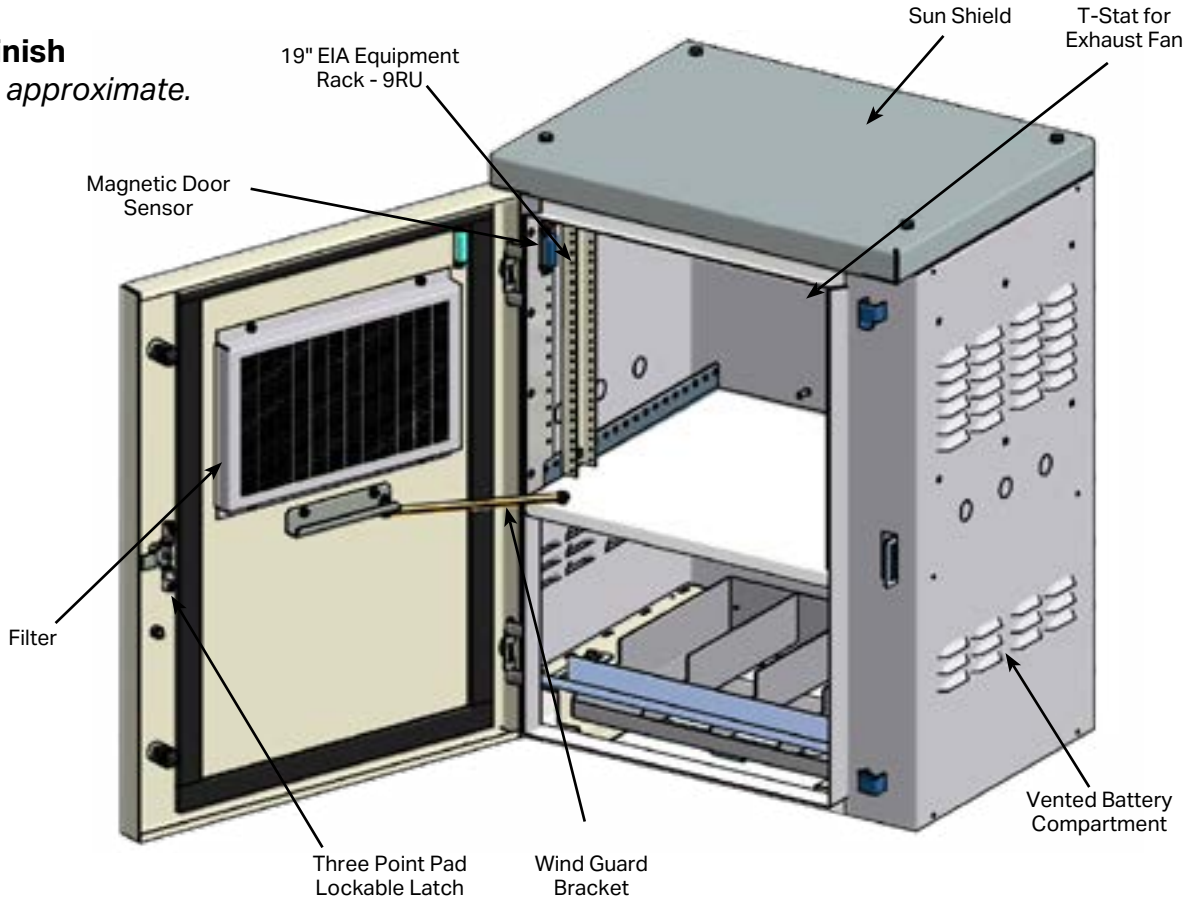
AP SMALL TELCO ™



AMERICAN® PRODUCTS

Standard Color / finish
Color shown here is approximate.

Texture Beige



AP SMALL TELCO™

Powder Coating: Powder coated and tested for outdoor telecom enclosures.

NEMA Protection: Protection Level Type 3R. This enclosure protects against falling debris.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Equipment Racks: 9RU 19" EIA adjustable

Cooling: Filtered fan system 48vdc

Locking: Extremely secure, strong and impermeable, 3-point pad lockable latches.

PART NUMBER	HEIGHT	WIDTH	DEPTH	WEIGHT
AM-352620	35"	26"	20"	136 lbs

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AP DEMARCATION ™

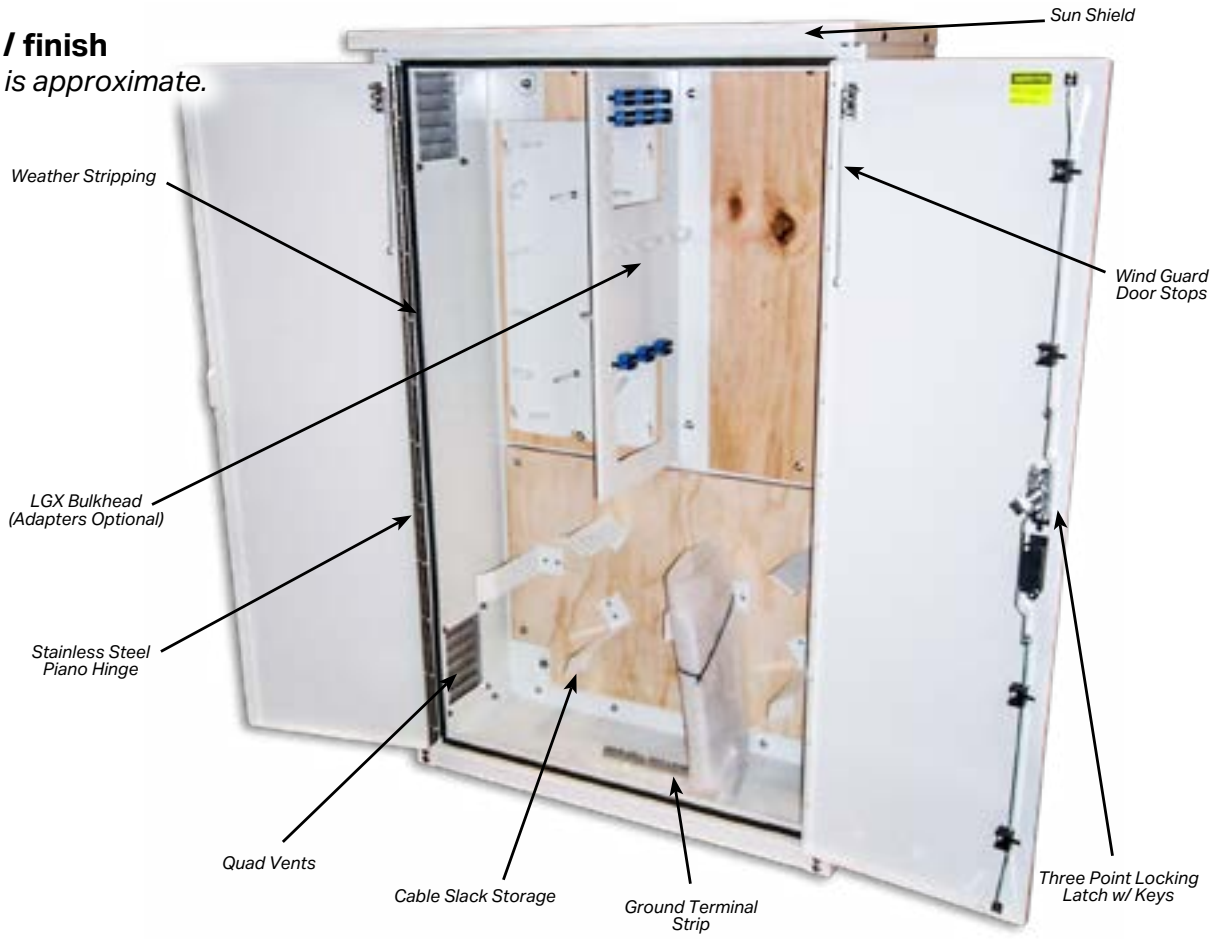


AMERICAN® PRODUCTS

Standard Color / finish

Color shown here is approximate.

Texture Beige



PROUDLY HANDCRAFTED IN THE USA

GR487 Powder Coat: Powder coated and tested to the Telcordia GR487 specifications for telecom enclosures.

NEMA 3R Protection: This enclosure protects against falling debris.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Galvanized Steel: Constructed from 14 gauge galvanized steel for corrosion resistance.

Locking: Extremely secure, strong and impermeable, 3-point pad lockable latches.

PART NUMBER	HEIGHT	WIDTH	DEPTH	WEIGHT
PN-483012	48"	30"	12"	TBD

Call a Sales Representative for Assistance.

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AP BATTERY ™

Outdoor Enclosures for Active Telecom Battery Storage

Type 3R & Type 4X



https://amprod.us/batteryqr

AMERICAN® PRODUCTS

AP BATTERY™ Standard Offerings



Shown with Climate Control

.125 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Type 4X (HVAC), Type 3R (FAN). This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Solar Shield Roof: Includes a double wall roof to reduce the radiant heat and internal cooling requirements of the enclosure.

Battery Termination Bus Bars: One supply, and one return are prewired in each cabinet.



Door Alarm Contacts

Locking: Extremely secure, strong and impermeable. Lockable handles and hinges are made from Type 304 stainless steel.

Lifting Eyes: Crane ready lifting eyes for a convenient way to offload and position your enclosure.

Standard Color / finish choices:
Colors shown here are approximate.

Beige | White | Grey | Custom



Dual Bay - Shown with Options



Single Bay - Shown with Options

Call a Sales Representative for Assistance.

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AP BATTERY™ Climate Control Options

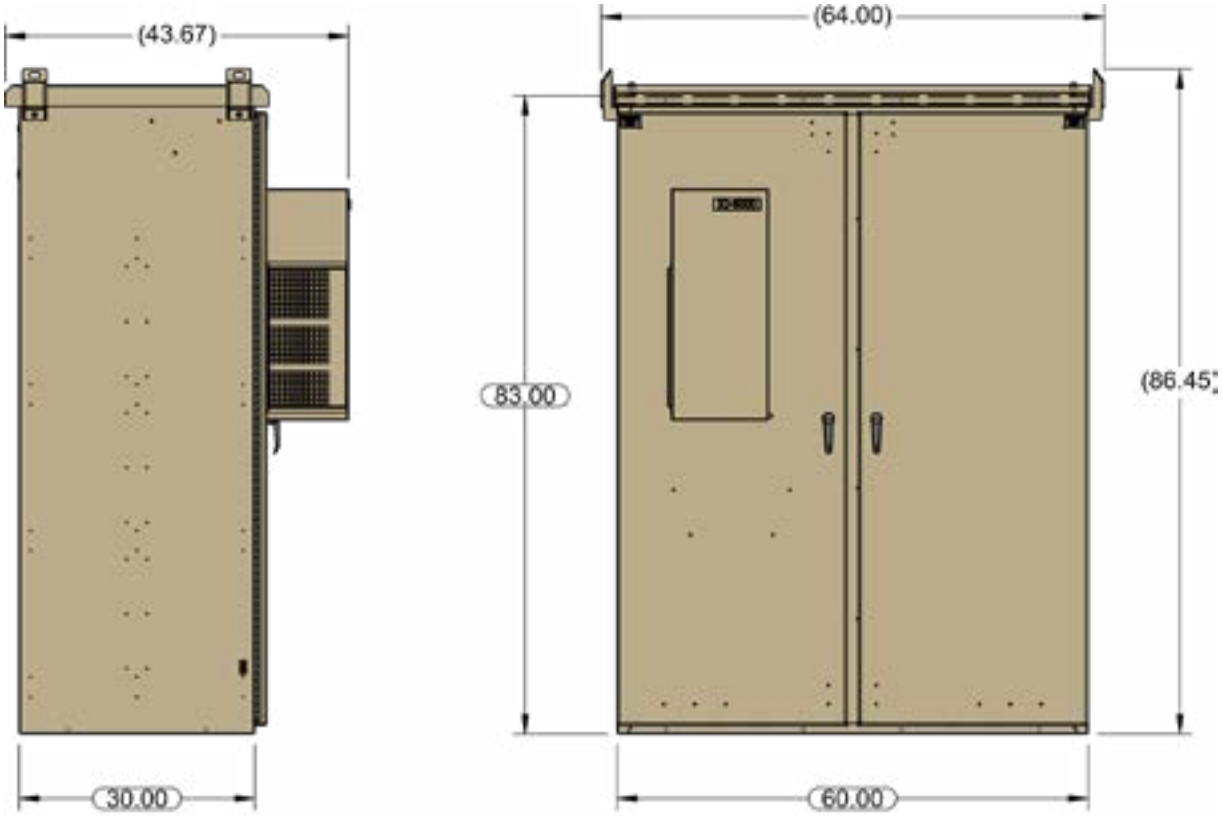
AC 6,000 BTU/hr
- Built-in Heater
- Corrosion Protection
- Cold Start Heater

Exhaust Fan
- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat

Insulation
Recommended for climate control options

Battery Heater Pad
- 115VAC
- Fits on Battery Tray

AP BATTERY™ Overall Dimensions - Dual Bay HVAC



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AP BATTERY™
Technical Specifications

PART NUMBER	ENCLOSURE SIZE	BATT. STRING CAPACITY	BAYS	CLIMATE	NEMA	EST. WEIGHT
AM78B-3030-5S-6K	83" T x 30" W x 30" D	5	1	6K HVAC w/ Heater	4X	TBD
AM78B-6030-10S-6K	83" T x 60" W x 30" D	10	2	6K HVAC w/ Heater	4X	TBD
AM78B-3030-5S-F	83" T x 30" W x 30" D	5	1	Exhaust Fan & Filter	3R	TBD
AM78B-6030-10S-F	83" T x 60" W x 30" D	10	2	Exhaust Fan & Filter	3R	TBD

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom, doors & door frames are of welded aluminum construction.	Constructed out of .125" +.190" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA Type 4X (HVAC models) and Type 3R (Fan/ Filter models) standards.
Battery Frame	Frame and shelves are fixed position with five shelves per bay.	600lbs per shelf capacity. Prewired and terminated with #2/0 AWG return and supply cables.
Door Handle/Latch	3-point pad lockable door latch & handle on all (4) doors.	All cabinet fasteners, handles & latching mechanisms are stainless steel.
Door Gasket Seal	Flat self-adhesive gasket is attached to door interior for a gasket seal that is compliant to NEMA Type 4 standards.	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Door Hinge	Stainless steel continuous door hinge on front and rear doors.	Full length 16 ga. (.060" thick) stainless steel piano hinge.
Cable Entrances	Sealed gland plates for cable entry. Mechanical knockouts in rear top of cabinet.	Painted aluminum gland plates secured w/ stainless fasteners & sealing gasket.
Door Stops	Integrated door wind guard stop on each door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Sun Shield	Top sun shield covering the top of each equipment bay to reduce the affect of solar loading.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Sun shield attached to cabinet top on standoffs to leave sufficient gap to facilitate air movement. Openings small enough to comply with insect intrusion restrictions per UL 50E guidelines.
Lifting Eyes	Custom lifting eyes on top (4) corners of cabinet. Note: For recommended lifting procedures, please refer to instruction manual.	Material for lifting eyes are heavy gauge aluminum. Each lifting eye is attached with high strength carriage bolts. Lifting eyes can be removed after cabinet is in place if desired.

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AP GUARDIAN ™

High Security Power Node

Type 3R

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Unmatched protection for your critical components

AP GUARDIAN®

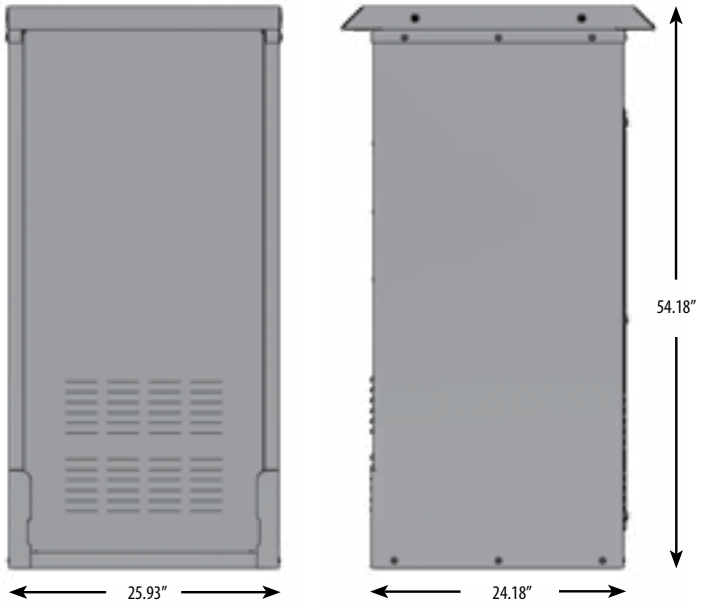
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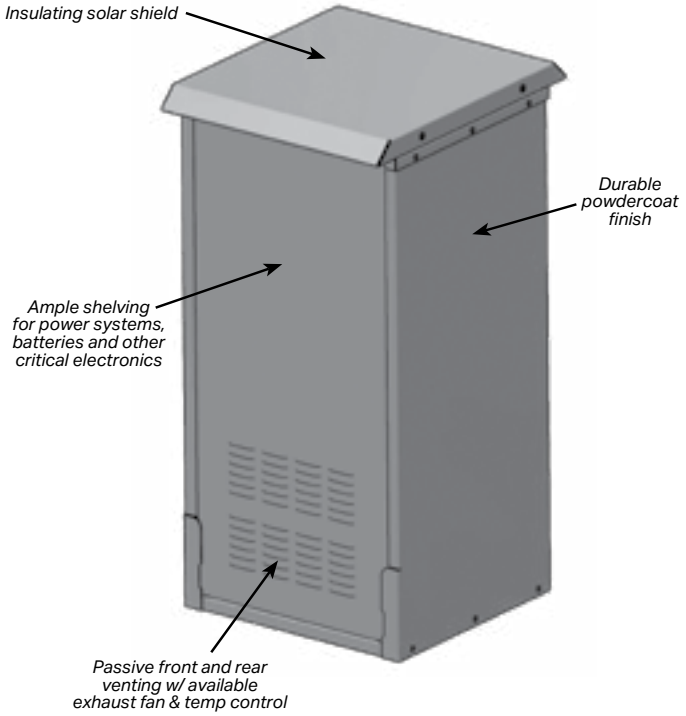
AP GUARDIAN ™
Technical Specifications

PART NUMBER
AM-522624-HSPN

PROUDLY HANDCRAFTED IN THE USA

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Construction	Cabinet platform is discrete ingress, designed with missing handgrips and no evident entry points. Hardware is SS. Flush security screws are proprietary.	Constructed out of .125 Aluminum. All surfaces powder coated. Designed and built to NEMA 3R standards.
Capacity	Designed to securely house power systems and group 31 batteries.	Includes 2 fixed and 2 sliding shelves.
Door Gasket Seal	Flat door gasket fastens to the cabinet door frame. Gasket seal compliant to NEMA 3R standards.	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Convenience Receptacle	Quad 20 amp receptacles positioned in front upper section of equipment bay.	Mounted in 4" junction boxes: (1) 120V Quad, (1) 240V Dual, (1) 120V GFCI Quad
Door Hinges	Stainless steel continuous hinge	Full length 16 ga. (.060" thick) stainless steel piano hinge.
Door Stops	Integrated door wind guard containment bracketry	Custom door stops constructed out of 304 stainless steel.
Grounding Provisions	Ground terminal strip for chassis ground.	18 position aluminum terminal strip mounted to interior bottom, mounted to stand-offs for easy access.
Sun Shield	Top sun shield covering the top of each equipment bay to reduce the affect of solar loading.	Constructed out of .125" thick 5052-H-32 Aluminum or Steel. All surfaces powder coated light textured beige, outdoor rated TGIC. Sun shield attached to cabinet top to leave sufficient gap to facilitate air movement. Openings small enough to comply with insect intrusion restrictions per UL 50E guidelines.
Mounting Plinth (optional)	4" or 6" tall mounting plinth with front & rear access panels for slack storage.	Plinth is constructed out of .125" thick 5052-H32 aluminum. All surfaces powder coated, outdoor rated TGIC. Front & rear access panels are secured with security screws.





Call a Sales Representative for Assistance.

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Turn-Key Enclosure Solutions



AP LIBERTY®
(Pole Mount)

Splitters and Mux



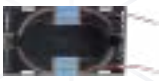


Rack Mount
Fiber
1RU-4RU

Choose Technology That is Right for the Application



Internal Splicing





AP BUNKER™
(Below Grade)

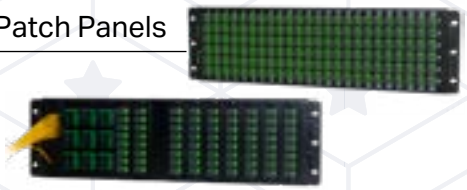
Fiber Cabling



AP LIBERTY®
(Pad Mount)



Patch Panels





Slack & Splice Storage

FIBER OPTIC

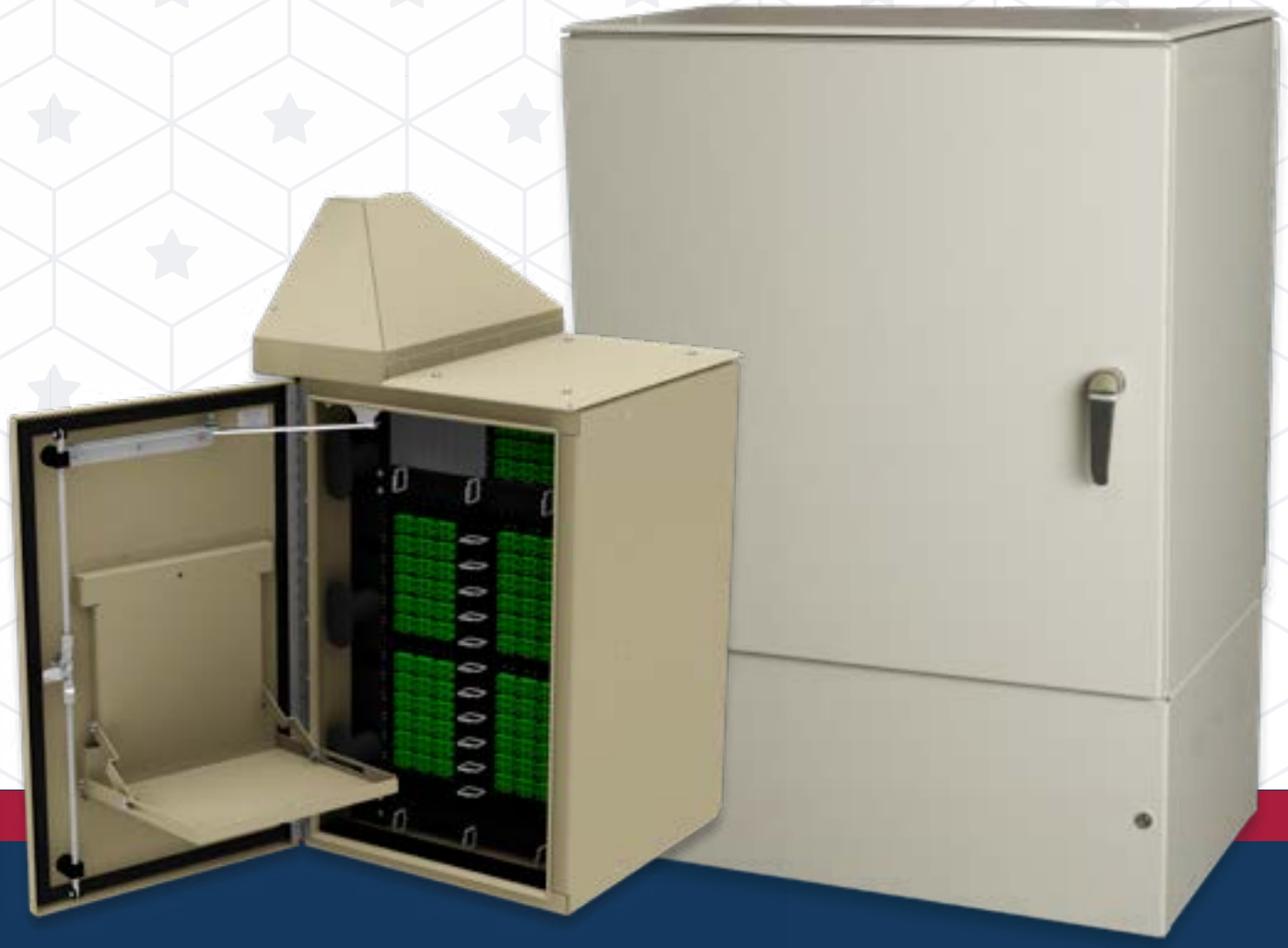
Enclosures & Accessories

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AP LIBERTY®

Fiber Distribution Hub

Type 3R & Type 4X



https://amprod.us/libertyqr

AMERICAN® PRODUCTS

AP LIBERTY® Standard Offerings

.125 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Protection Level Type 4. This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation. Also tested to UL 50 / 50E standards for safety.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Numbered Adjustable Equipment Racks: 19" or 23" (19" only on Pole/Pad Mount models.)

Solar Shield Roof: Includes a double wall roof to reduce the radiant heat and internal cooling requirements of the enclosure.

Ground Terminal: 6 position aluminum ground bar

Locking: Extremely secure, strong and impermeable. Lockable handles and hinges are made from Type 304 stainless steel.



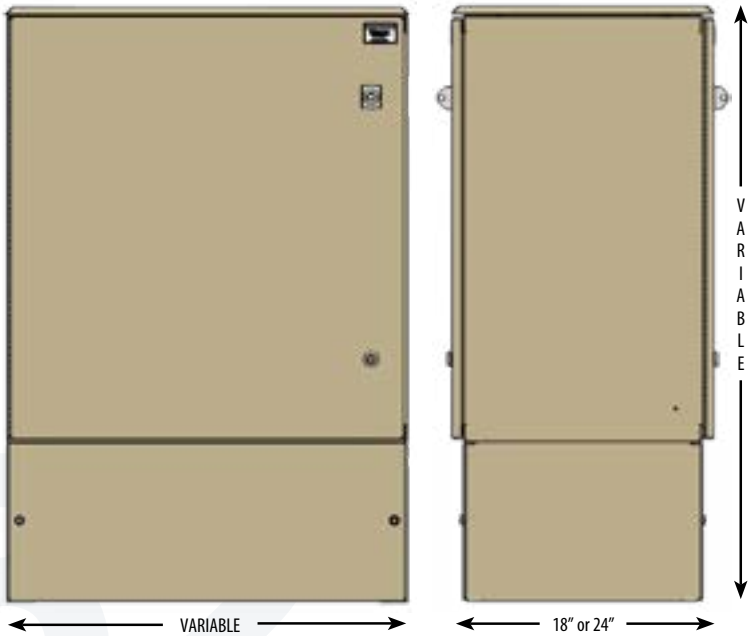
Pad Mount Version

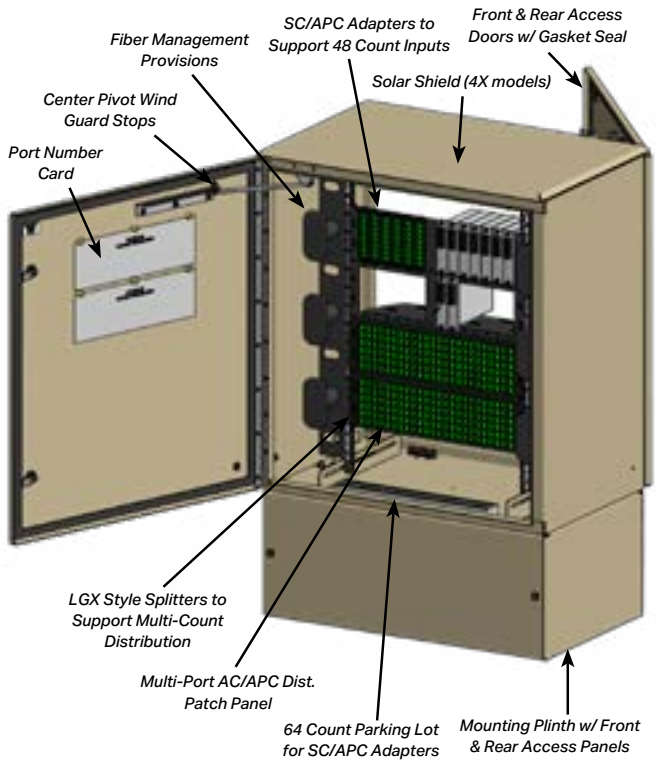
Pole Mount Version

Standard Color / finish choices:
Colors shown here are approximate.

Beige | White | Grey | Custom

AP LIBERTY® Padmount Basic Layout





AP LIBERTY®

Pad Mount Technical Specifications

PART NUMBER	ENCLOSURE SIZE	CAPACITY	DOORS	TYPE	WEIGHT	ETL CERTS
AML-303018-14RU	30" T x 30" W x 18" D	144/288 Distribution - 14RU	2 Swing	4X	120 lbs	UL 50 UL 50E CSA C22.2#94.1 CSA C22.2#94.2
AML-363018-19RU	36" T x 30" W x 18" D	432 Distribution- 19RU	2 Swing	4X	130 lbs	
AML-423018-22RU	42" T x 30" W x 18" D	576 Distribution - 22RU	2 Swing	4X	145 lbs	
AML-313028-39RU	31" T x 30" W x 28" D	864 Distribution - 39RU	3 Swing	4X	160 lbs	-
AMLE-303018-14RU	30" T x 30" W x 18" D	144/288 Distribution - 14RU	1 Swing / 1 Panel	3R	120 lbs	-
AMLE-363018-19RU	36" T x 30" W x 18" D	432 Distribution- 19RU	1 Swing / 1 Panel	3R	130 lbs	-
AMLE-423018-22RU	42" T x 30" W x 18" D	576 Distribution - 22RU	1 Swing / 1 Panel	3R	145 lbs	-

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom & door frames are of welded aluminum construction.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA 4 Standards.
Interior Rack	19" equipment rack (7 to 22RU). Rack rails are designed to accept 12-24 screws, included with the cabinet. Racks are adjustable front to back, rails are reversible from 19" to 23" configurations.	Rack rails are constructed out of 12 gauge galvanized steel and powder coated matte black and labeled with RU designations. Rails designed to EIA standards, fiber routing spools are included within the vertical length on each side of rack for cable management.
Door handle/Latch	3-point pad lockable door latch & handle (4X models) 216-Hex 1/4-turn latch w/pad locking brackets (3R models)	All cabinet fasteners, handles & latching mechanisms are stainless steel
Door Gasket Seal	Flat gasket 3/4" wide & 1/4" thick with PSA backing applied to the interior perimeter of both front and rear doors (4X models).	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508 (4X models).
Door Hinge	Continuous piano hinge running full length of door	1.5" open 16 ga. (.060" thick) stainless steel piano hinge with 1/8" diameter pin and 1/2" knuckles
Cable Entrances	Up to 6 sealing glands for cables ranging from 3/4" to 1" diameter. Includes custom strain relief brackets with strength member clamping provisions.	Heyco liquid tight EPDM snap-in bushings for sealing applications up to IP67. Temperature range from -40°F (-40°C) to 200°F (93°C).
Grounding Provisions	Door ground strap and terminal strip for chassis ground	6AWG braided cable door grounding strap secured to masked studs. 6 position aluminum terminal strip mounted to interior bottom, (2) optional positions available.
Door Stops	Integrated door wind guard stop on each swing door.	Custom door wind guards constructed out of 304 stainless steel. Holds swing doors open at approximately 95°, lift to close.
Mounting Plinth	12" tall mounting plinth with front & rear access panels for slack storage.	Plinth is constructed out of .125 thick 5052-H32 aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Front & rear access panels are secured with 216 hex head security screws. CAN wrench/hex key provided.

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AP LIBERTY®

Pole Mount Technical Specifications

PART NUMBER	ENCLOSURE SIZE	CAPACITY	DOORS	TYPE	WEIGHT	ETL CERTS
AML-281818-7RU	28" T x 18" W x 18" D	144/288 Distribution - 7RU (Vert. Rack)	2 Swing	4X	110 lbs	UL 50 / 50E CSA C22.2#94.1 CSA C22.2#94.2
AML-342418-17RU	34" T x 24" W x 18" D	288/432 Distribution - 17RU (Horiz. Rack)	2 Swing	4X	150 lbs	
AMLE-281818-7RU	28" T x 18" W x 18" D	144/288 Distribution - 7RU (Vert. Rack)	1 Swing / 1 Panel	3R	110 lb	-
AMLE-342418-17RU	34" T x 24" W x 18" D	288/432 Distribution - 17RU (Horiz. Rack)	1 Swing / 1 Panel	3R	150 lbs	-

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom & door frames are of welded aluminum construction.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA 4 Standards.
Interior Rack	19" vertical equipment rack with 7RU of equipment space.. Rack rails are designed to accept 12-24 floating cage nuts. 12-24 screws, washers and cage nuts included with the cabinet. Racks are adjustable front to back.	Rack rails are constructed out of 12 gauge galvanized steel and powder coated matte black and labeled with RU designations. Rails designed to EIA standards, fiber routing spools are included within the vertical length on each side of rack for cable management.
Door handle/Latch	3-point pad lockable door latch & handle (4X models) 216-Hex 1/4-turn latch w/pad locking brackets (3R models)	All cabinet fasteners, handles & latching mechanisms are stainless steel
Door Gasket Seal	Flat gasket 3/4" wide & 1/4" thick with PSA backing applied to the interior perimeter of both front and rear doors (4X models).	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Door Hinge	Continuous piano hinge running full length of door	1.5" open 16 ga. (.060" thick) stainless steel piano hinge with 1/8" diameter pin and 1/2" knuckles
Cable Entrances	Up to (6) sealing glands for cables ranging up to 3/4" diameter. Includes custom strain relief brackets with strength member clamping provisions.	Heyco liquid tight break-thru nylon cordgrips with TPE sealing glands. Rated and approved for sealing applications under NEMA 4, 4X, 6 & 6P and up to IP68. UL listed 94V-2 standard, temperature range from -40°F (-40°C) to 239°F (100°C).
Grounding Provisions	Door ground strap and terminal strip for chassis ground	6AWG braided cable door grounding strap secured to masked studs. 6 position aluminum terminal strip mounted to interior bottom, (2) optional positions available.
Door Stops	Integrated door wind guard stop on each swing door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Pole Mount / Wall Mount Bracket Kit	Mounting kit converts from wall mounting to pole mounting with the addition of a pole mounting channel. User friendly lift off design.	Pole/Wall mount brackets made from .125" thick 5052-H32 aluminum & powder coated light textured beige. All stainless steel hardware.
Top cable entrance Hood	Top hood to protect cables entering and exiting the cabinet from damage. Attaches to the top solar shield and protects the cables from the bottom of the U-Guard/conduit until they enter the cabinet.	Top cable entrance hood constructed out of .125" thick 5052-H32 aluminum and powder coated light textured beige to match the cabinet. Hood is secured to the cabinet with stainless security screws, security tool/bit is supplied with the cabinet.
Optional Mounting Plinth	12" tall mounting plinth with front & rear access panels for slack storage.	Plinth is constructed out of .125 thick 5052-H32 aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Front & rear access panels are secured with 216 hex head security screws. CAN wrench/hex key provided.

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AP LIBERTY®

864 Series Fiber Distribution Hub

Type 3R



https://amprod.us/libertyqr

AMERICAN PRODUCTS®

AP LIBERTY® 864 Series Standard Offerings



.125 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Protection Level Type 4. This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for telecom enclosures.

Numbered Adjustable Equipment Racks: 19"

Solar Shield Roof: To reduce the radiant heat and internal cooling requirements of the enclosure.

Ground Terminal Strip: 12 position aluminum strip

Locking: Extremely secure, strong and impermeable. Lockable handles and hinges are made from Type 304 stainless steel.

Standard Color / finish choices:
Colors shown here are approximate.

Beige | White | Grey | Custom



Shown with Options



Shown with Options

Call a Sales Representative for Assistance.

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AP LIBERTY® Options

LGX Style
- Splitters
- Splice Trays
- Adapter Plates

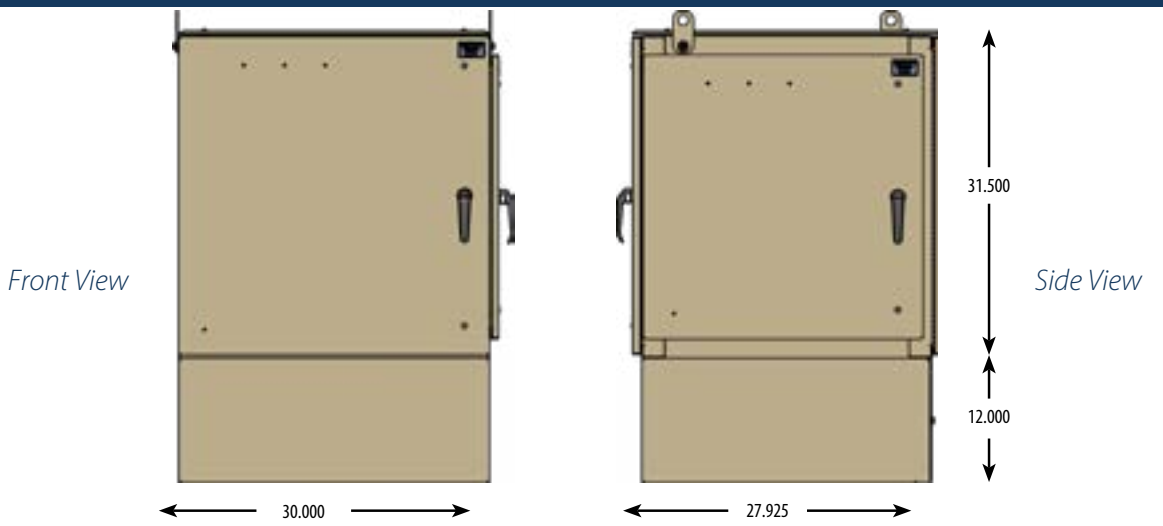
Splice Trays
- 12 Count
- 24 Count

Cassette Splitters
- 1x8
- 1x16
- 1x32
- 2x32
- 1x64

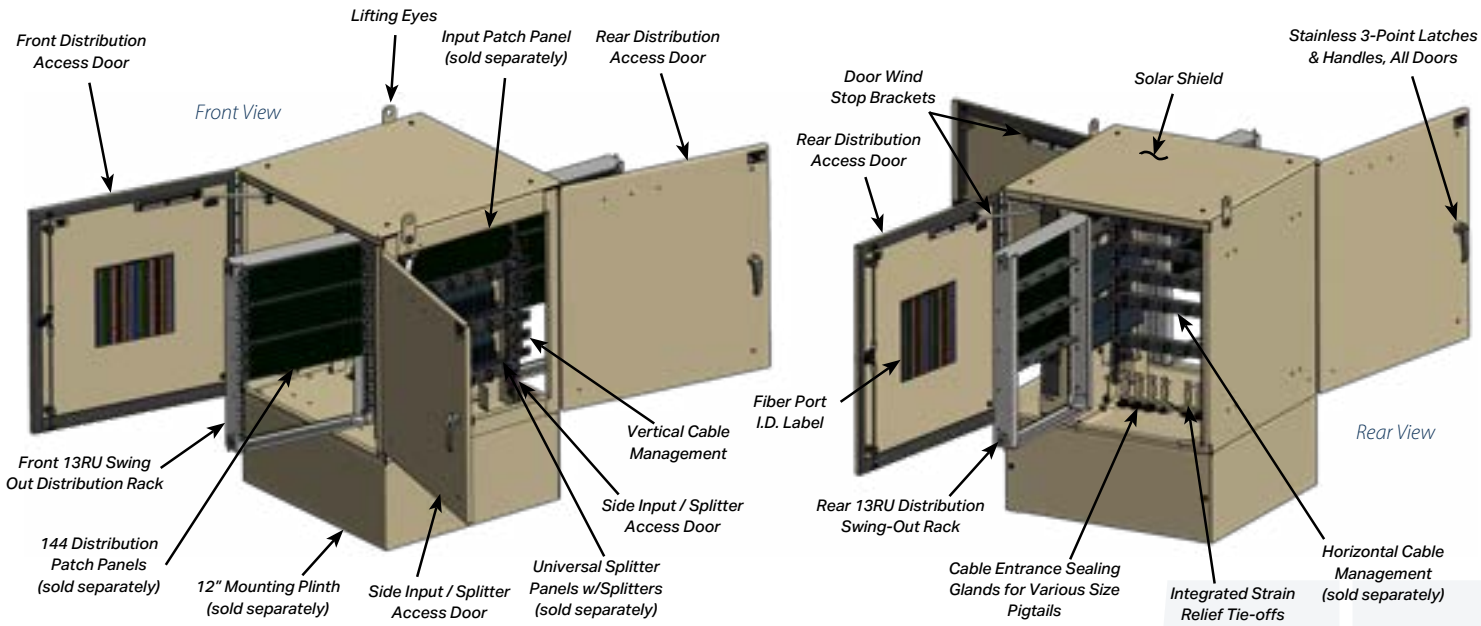
Mount Options
- Plinth
  12" or 24"

Fiber Pigtail
- Pre-Connectorized SC APC
- Fiber Count 12, 24, 36, 48, 72, 96, 144
- Loose Tube, Armored
- 50' or 100'

AP LIBERTY® Measurements & Basic Layout



MOUNT	PORTS	HEIGHT	WIDTH	DEPTH	SPLITTER CAPACITY	FIBER INPUT
Pad	Up to 864	43.5"	30"	28"	54	Up to 144



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AP LIBERTY®
864 Technical Specifications

PART NUMBER	MOUNT	PORTS	HEIGHT	WIDTH	DEPTH	SPLITTER CAPACITY	FIBER INPUT
AML-313028-39RU	Pad	Up to 864	43.5"	30"	28"	54	Up to 144

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom & door frames are of welded aluminum construction.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Designed and built to NEMA 4 Standards.
Interior Rack	19" vertical equipment rack with 13RU Front, Back & Side. Rack rails are designed to accept 12-24 screws, included with the cabinet. Front and Rear racks are hinged and swing out.	Rack rails are constructed out of 12 gauge galvanized steel and powder coated matte black and labeled with RU designations. Rails designed to EIA standards.
Door handle/Latch	3-point pad lockable door latch & handle	All cabinet fasteners, handles & latching mechanisms are stainless steel
Door Gasket Seal	Flat gasket 3/4" wide & 1/4" thick with PSA backing applied to the interior perimeter of both front and rear doors.	Gasket material is UL 94 rated for gasketing & sealing applications under UL50 and UL508.
Door Hinge	Continuous piano hinge running full length of door	1.5" open 16 ga. (.060" thick) stainless steel piano hinge with 1/8" diameter pin and 1/2" knuckles
Cable Entrances	Eight sealing glands for cables ranging up to 3/4" diameter. Includes custom strain relief brackets with strength member clamping provisions.	Heyco liquid tight break-thru nylon cordgrips with TPE sealing glands. Rated and approved for sealing applications under NEMA 4, 4X.
Grounding Provisions	Door ground strap and terminal strip for chassis ground	6AWG braided cable door grounding strap secured to masked studs. Bonding bracket for cable tracing mounted to exterior bottom.
Door Stops	Integrated door wind guard stop on each door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Required Mounting Plinth	12" tall mounting plinth with front & rear access panels for slack storage.	Plinth is constructed out of .125 thick 5052-H32 aluminum. All surfaces powder coated light textured beige, outdoor rated TGIC. Front & rear access panels are secured with 216 hex head security screws. CAN wrench/hex key provided.

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E-LIBERTY®

Series of Fiber Distribution Hubs

144, 288, 432 and 576 PON/Cross Connect Cabinets



E-LIBERTY®

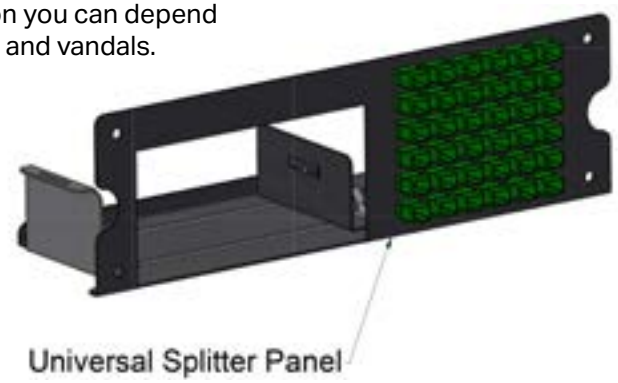
AMERICAN® PRODUCTS

E-Liberty Series of PON/Cross Connect Fiber Distribution Cabinets

The E-Liberty is a cost-effective, ready-to-deploy PON solution you can depend on to protect your customers' connections from the elements and vandals.

Universal Splitter Panel

- Craft-friendly "add splitters as you grow" design
- Allows for use of any brand of cartridge, PLC, LGX & some proprietary splitters
- Supports split ratios: 1x2, 1x16, 1x32, 1x64, 1x128
- Integrated feeder fiber panel



Isolated Locator Service Access

- No unauthorized entry into main fiber compartment

Fixed Fiber Panels

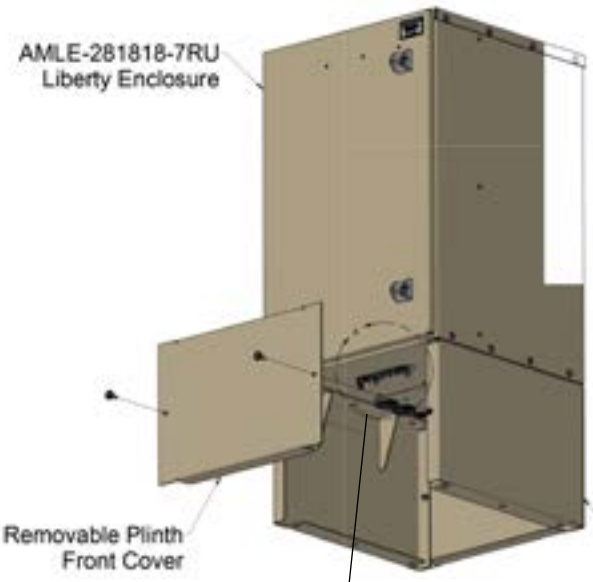
- Fiber connectors & cables stay locked in place
- No stress to fiber connections

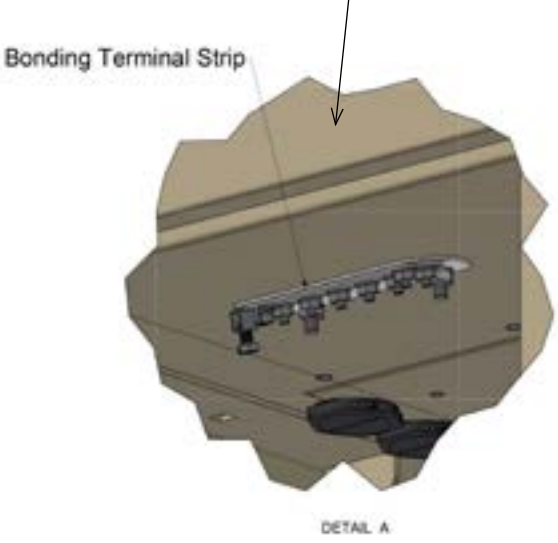
Secure Rear Access Panel

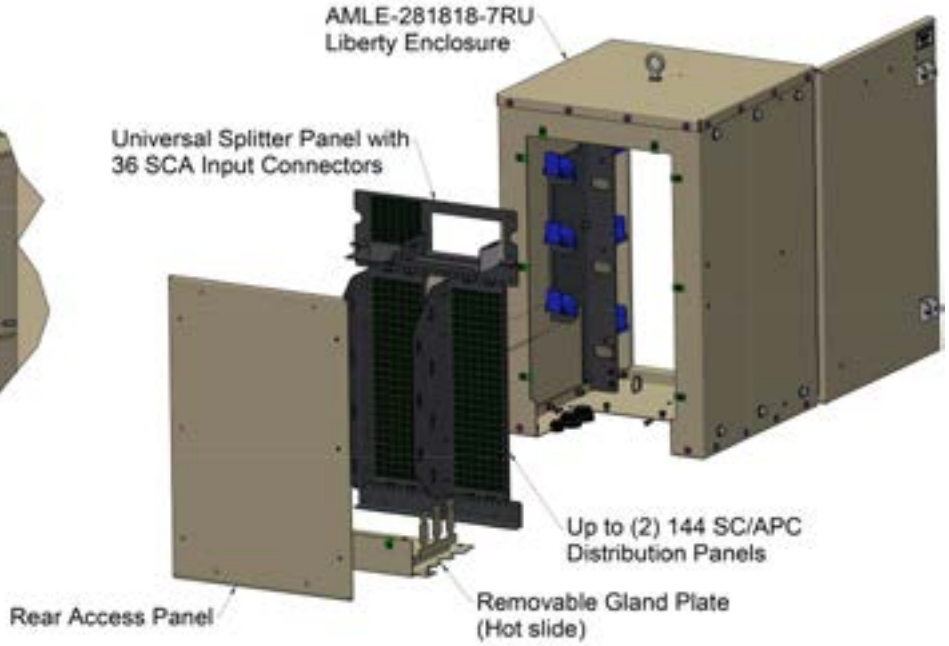
- Limits access to cables & rear connections
- Allows access for troubleshooting or major damage repair

Hot Slide Removable Cable Entrance

- Allows for reskinning of cabinet without loss of service
- Accommodates future expansion to larger cabinet







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E-LIBERTY®

E-LIBERTY CONFIGURATIONS	144	288	432	576
Model Numbers	**AMLE-2818-144**	**AMLE-2818-288**	**AMLE-2832-432**	**AMLE-2832-576**
Cabinet Dimensions	28"Hx18"Wx18"D	28"Hx18"Wx18"D	28"Hx32"Wx18"D	28"Hx32"Wx18"D
Weight	96 LBS	120 LBS	190 LBS	210 LBS
Fiber Count	144 SC/APC	288 SC/APC	432 SC/APC	576 SC/APC
Fiber Count - Feeder	12 SC/APC	12 SC/APC	24 SC/APC	24 SC/APC
Stub Type and Length	Loose Tube - 100'	Loose Tube - 100'	Loose Tube - 100'	Loose Tube - 100'
Cable Entrance Glands	2	3	5	5
Mounting Options	Vault Lid, Pad or Pole Mount	Vault Lid, Pad or Pole Mount	Vault Lid or Pad	Vault Lid or Pad
Splitter Compartment	Large Capacity Universal Splitter Panel			
Splitter Types Supported	Cartridge, PLC, LGX & specific brand			
Hot-Slide Cable Entrance Panel	Exclusive removable cable entrance panel allows for cable & patch panels to be removed from the cabinets without having to cut & resplice fiber			

OPTIONS		
Splitter	**AMSP-SCAP-1X32**	Cartridge Style with 1M SCAPC bend-insensitive fiber leads
Parking Lot	**AM-PKL-64**	64 Position Parking Lot
Riser Base (Plinth)	**AMLE-121818-MP**	12" Tall Secure Mount Riser Base with Locator Access to Tone Grounding Strip
	AMLE-61818-MP	6" Tall Secure Mount Riser Base with Locator Access to Tone Grounding Strip
Pole Mount Bracket	**AMLE-PM**	Pole Mount Bracket

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With Plinth Mount



With Pole Mount

E-LIBERTY®

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C-LIBERTY™

Compact PON Fiber Distribution Enclosure



https://amprod.us/products/ap-c-liberty/

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C-LIBERTY™ Series Key Features



High-Density Fiber Distribution – Pre-configured with 48, 72, 96, and 144 SC/APC ports and a 100-foot stub cable, enabling fast, efficient deployment in the field.

Universal Mounting Options – Supports pole, pad, wall, and H-frame installations, offering maximum flexibility across a variety of deployment scenarios.

Removable Break-Out Fiber Management Panel – Provides unobstructed access, allowing you to easily perform maintenance and installation tasks without disturbing existing terminations.



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Space-Efficient Fanout Design – Manages a 100-foot, up to 144-count stub cable while preserving internal space and maintaining accessibility.

Flexible Connectivity – Supports 1×8 to 1×32 split configurations and is compatible with most splitter cartridges, ensuring seamless integration into existing network architectures.

AP C-LIBERTY™ Series Options

Splitters
- 1x8
- 1x16
- 1x32

Mounting
- Pad
- Pole
- Wall
- H-Frame

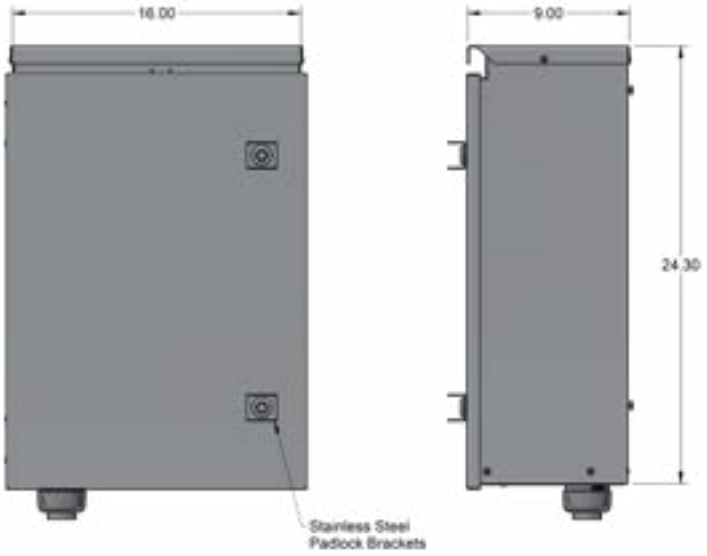
Fiber Pigtail
- Pre-Connectorized SC APC
- Fiber count 48, 72, 96 or
- 144 Loose tube
- 100' cable

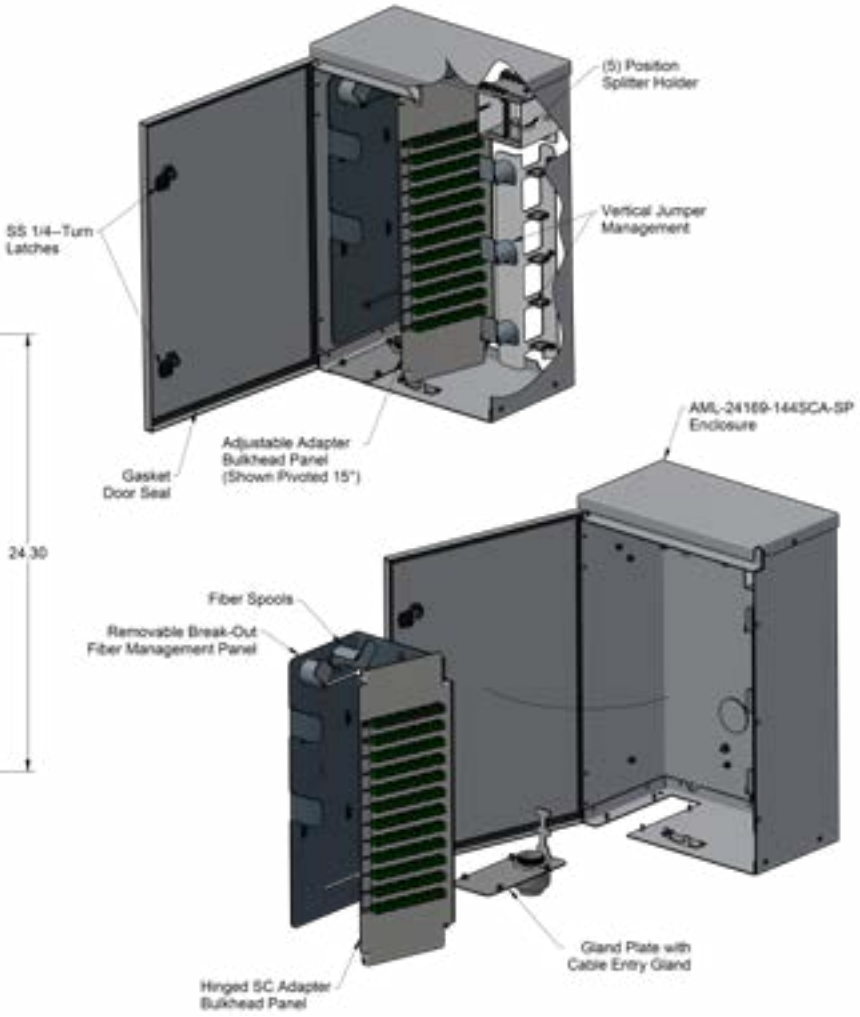
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AP C-Liberty™ Series Measurement & Basic Layout

AML-24169-144SCA-SP
Pre- Configured PON cabinet with SC/APC 100' Stub cable





NOTES:
1. (1) SEALING COMPRESSION GLAND INCLUDED FOR BOTTOM CABLE ENTRANCE.
2. 100' LONG BEND INSENSITIVE LOOSE TUBE SC/APC PRE-TERMINATED PIGTAIL IN 48, 72, 96 OR 144 FIBER COUNTS INCLUDED.

AP C-Liberty™ Series Technical Specifications

PART	HxWxD	MOUNTING	NEMA	ACCESS	SPLITTER CAPACITY	SC PORT CAPACITY	EST. WEIGHT
AML-24169-48SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	48	TBD
AML-24169-72SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	72	TBD
AML-24169-96SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	96	TBD
AML-24169-144SCA-SP	24x16x9	Pad, Pole, Wall, H-Frame	3R	Front/Removable Patch Panel	5 Cartridge Style	144	TBD

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AP C-Liberty™ Series Technical Specifications



Capacity – 48, 72, 96, or144 SC/APC connection.

Stub Cable – Includes a 100-foot stub cable, factory-installed and fully tested for reliable performance.

Mounting – Compatible with pole, pad, wall, or H-frame installations.

Compatibility – Works with most industry-standard cartridges and standard cartridge splitters.

Enclosure – Features a rugged, outdoor-rated cabinet with a secure closure system for long-term durability.

NEMA Type 3R protection – Shields internal components from falling dirt, dust, rain, sleet, snow, external ice formation, and splashing water.



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Telcordia Compliance – Designed and manufactured to meet Telcordia specifications for telecom applications.

0.125 aircraft-grade aluminum – Offers excellent corrosion resistance in harsh outdoor conditions.

300 Series Stainless Steel Hardware – Provides extreme rust and corrosion protection for long-term reliability in the field.

Powder Coating – Standard beige powder-coated finish offer increased corrosion resistance and are verified by a 720-hour salt spray test. Custom colors are also available.

5-year warranty – Covers all American Products components for peace of mind and long-term value.

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AP BUNKER ™

Patented Below Grade Fiber Enclosure

Type 6



https://amprod.us/bunkerqr

AMERICAN® PRODUCTS

AP BUNKER™ Standard Offerings



.125 Aircraft Grade Aluminum: Outstanding corrosion resistance.

NEMA Protection: Protection Level Type 6. This enclosure is protected from entry of water during temporary submersion at a maximum depth of six feet for 30 minutes.

Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.

Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.

Numbered Relay Racks: 19" Swing Rack

Below Grade: Provides water intrusion protection when fully submerged below grade.

Ground Terminal Strip: 7 position aluminum grounding strip.

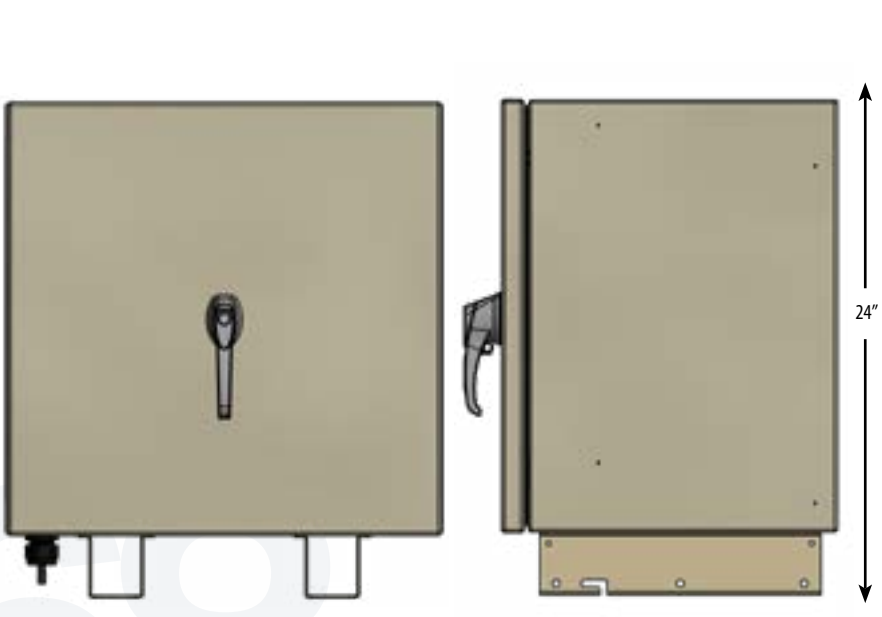
Locking: Extremely secure, strong and impermeable. Lockable handle and hinges are made from Type 304 stainless steel.

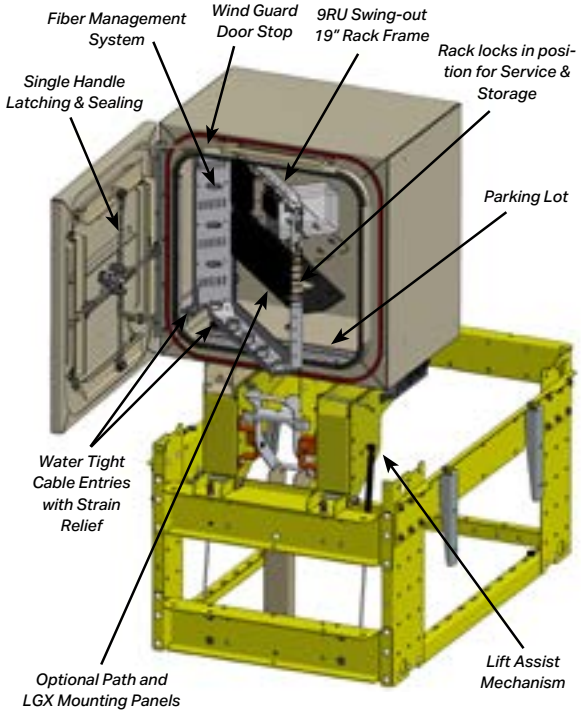
Lifting Eyes: Crane ready lifting eyes for a convenient way to offload and position your enclosure.

Standard Color / finish choices:
Colors shown here are approximate.

Beige | White | Grey | Custom

AP BUNKER™ Basic Layout











AP BUNKER™ Options

LGX Style
- Splitters
- Splice Trays
- Adapter Plates

Splice Trays
- 12 Count
- 24 Count

Cassette Splitters
- 1x8
- 1x16
- 1x32
- 2x32
- 1x64

Mount Options
- Vault
  48"L x 36"D x
  36"W

Fiber Pigtail
- Pre-Connectorized
  SC APC
- Fiber Count 12, 24,
  36, 48, 72, 96, 144
- Loose Tube, Armored
- 50' or 100'

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AP BUNKER ™
Technical Specifications

PART NUMBER	ENCLOSURE SIZE	CAPACITY	WEIGHT
AMN-242418-9RU	24" T x 24" W x 18" D	144/288 Distribution - 9RU (Swing-Out Rack)	100 lbs - (Empty Cabinet), 145 lbs. - (Mounting Frame)

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Cabinet Construction	Cabinet walls, top, bottom, doors & door frames are of fully sealed welded aluminum construction.	Constructed out of .125" thick 5052-H-32 Aluminum. All surfaces powder coated smooth beige, outdoor rated TGIC. Designed, built and tested to NEMA 6 Standards, NEMA 250 section 5.12 (submersion).
Interior Swing-out 9RU 19" rack frame	19" swing-out equipment rack frame (9RU). Rack rails are designed to accept 12-24 screws, included with the cabinet. Fiber troughs and routing saddles are included within the vertical length on each side of rack for cable management. Additional cable tie slots on all sides included. 9RU Swing-out rack frame secured with custom slam latching mechanism.	Rack rails are constructed out of 12 gauge galvanized steel and powder coated matte black and labeled with RU designations. Rack frame designed to EIA standards.
Door handle/Latch	4-sided proprietary single handle sealed pad lockable door latch heavy duty handle. Patent Pending	4 point submersible compression latching system designed, built and tested to NEMA 6 standards. All handles, fasteners and latching components are made from stainless steel.
Door Gasket Seal	Unique double bulb gasket seal with PSA backing applied to the interior perimeter of both door & door frame for durable submersible sealing applications.	Gasket material is UL 50 & FMVSS 302 rated EPDM closed cell foam for gasketing & sealing applications compliant to NEMA 6P (submersion). 1.5" open 16 ga. (.060" thick) stainless steel piano hinge with 1/8" diameter pin and 1/2" knuckles. Hinge attached with sealed stainless fasteners.
Door Hinge	Continuous piano hinge running full length of left side of the door	1.5" open 16 ga. (.060" thick) stainless steel piano hinge with 1/8" diameter pin and 1/2" knuckles. Hinge attached with sealed stainless fasteners.
Cable Entrances	(3) sealing glands for cables ranging up to 3/4" diameter. Includes custom strain relief brackets with strength member clamping provisions.	Heyco liquid tight break-thru nylon cordgrips with TPE sealing glands. Rated and approved for sealing applications under NEMA 4, 4X, 6 & 6P and up to IP68. UL listed 94V-2 standard, temperature range from -40°F (-40°C) to 239°F (100°C).
Grounding Provisions	Door ground strap, terminal strip for chassis ground and masked grounding positions for cabinet components.	6AWG braided cable door grounding strap secured to masked studs. 7 position aluminum terminal strip mounted to interior left side wall, masked areas for grounding the cabinet assembly to the mounting frame/lift assist assembly and for bonding incoming shielded cables.
Door Stops	Integrated door wind guard stop on sealed door.	Custom door wind guards constructed out of 304 stainless steel. Holds door open at approximately 95°, lift to close.
Mounting frame with Lift-Assist	Nautilus cabinets and mounting frames will come factory installed into vaults. Frames will include factory installed proprietary lift assist mechanism with locking provisions to secure the cabinet in both the closed and upright (service) positions.	Mounting frame is constructed out of 12 & 8 gauge galvanized steel structural components and 14 gauge galvanized steel frame members, bolted construction. All stainless fasteners utilized.
Patents	Pat. 10,362,710 B2	

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H FRAME

Pole Mountable Fiber Slack Storage



Fiber Cable
Not Included

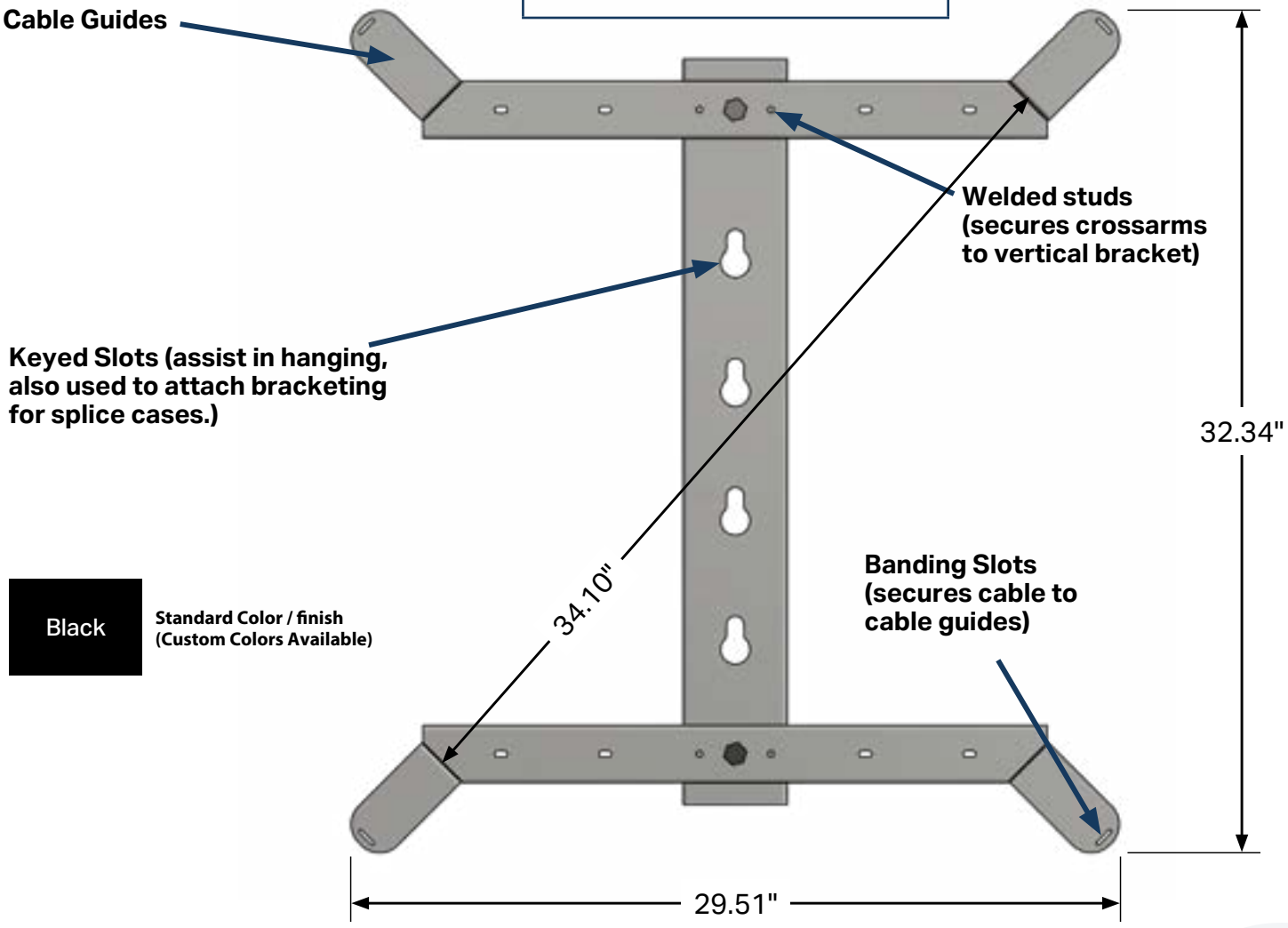
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H FRAME
Technical Specifications

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Construction	Entire frame is of Steel construction. Hardware is Stainless Steel.	Constructed out of 12ga Carbon Steel. All surfaces powder coated black.
Capacity	Designed for the storage of fiber cable slack.	Up to 250 ft of 144 count fiber cable

PART NUMBER
AM-3432-FSF-B



Black

Standard Color / finish (Custom Colors Available)

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FIBER OPTIC

Wall Mount Splice Storage Enclosure



Features

- Heavy gauge aluminum construction with powder coat paint finish and stainless steel hardware.
- A padlock hasp is located on the top of the enclosure.

Benefits

- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.

Available Colors

- Black or white



AM-50-SDC

12 Tray Capacity Splice & Cable Storage

The American Products AM 50 SDC cabinet is designed to transition outdoor rated cable to indoor rated cable by housing up to 12 splice trays. The cabinet can also store up to 75 feet of fiber optic cable. Cable entry can be made from the top or bottom of the enclosure through a unique entry port that transforms into a slot for fast and easy cable tie down. The cable slot also provides easy access for pre-terminated or breakout cable by eliminating difficult feed through installations.

The dual door design provides security through the use of a SEMS bolt requiring a 7/16" nut driver for access. The facilities door is secured with a unique security bolt. A padlock hasp is provided for added security. An accessory packet is included with each enclosure containing 14 tie wraps, 10 cable routing clips, and one security bolt tool.

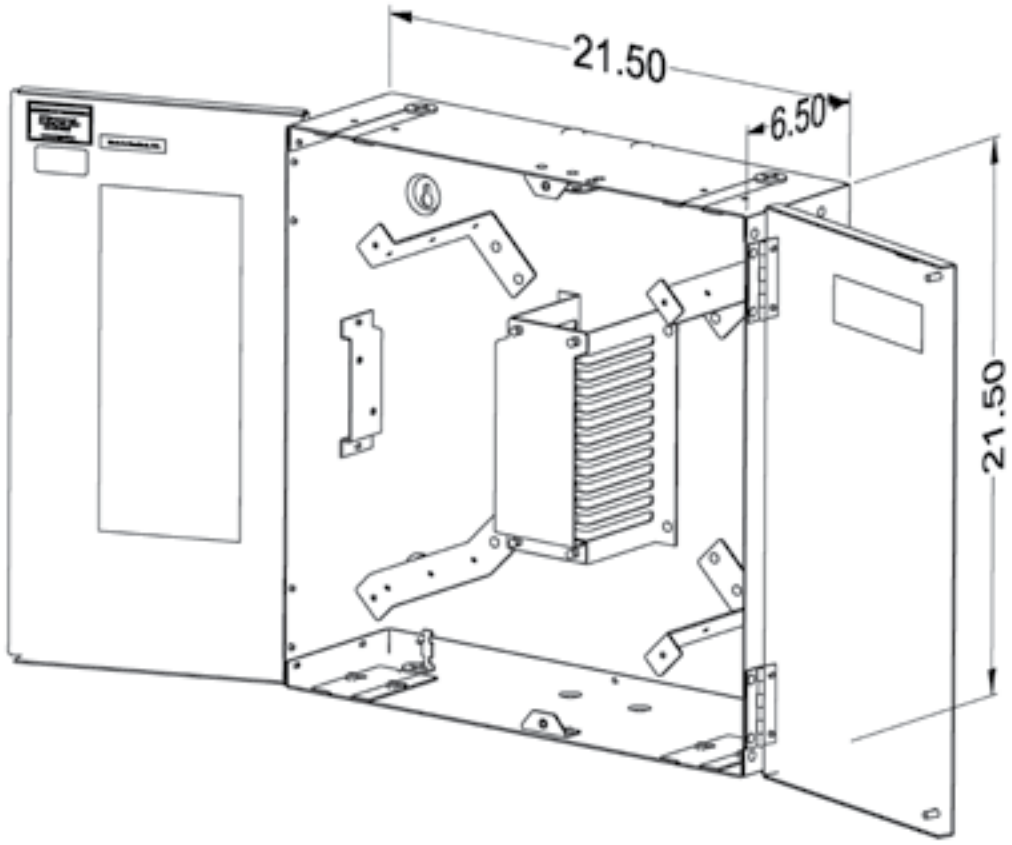
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AM-50-SDC

Wall Mount Splice and Cable Storage Enclosure



ORDERING

Wall Mount Storage Enclosure

AM-50-SDC - XXX

Color WHT - white
BLK - black

American Fiber Distribution Series 50 Enclosure

Technical Specifications

Catalog Number	AM-50-SDC
Height	21.5
Width	21.5
Depth	6.5
Adapter Capacity	0
Splice Tray Capacity	12

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FIBER OPTIC

Indoor Rack Mount Enclosure



Features

- Hinged Lexan front and aluminum rear doors.
- Cable clamp brackets for easy cable tie down.
- Removable top access panel.

Benefits

- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.
- On cabinet fits 19" or 23" racks and 1" and 1.75" hole spacing.

Available Colors

- Black or white

Al

SS

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AM-80-SB

4RU, 9 Tray Capacity Splice Storage Enclosure

The American Products AM-80-SB is used to house up to 6 fiber splice trays. The cabinet will splice up to 108 fibers. It has internal cable routing guides for ease of handling entrance cables. The AM-80-SB can also be affixed to the AM-8012 for a combination of splicing and termination.

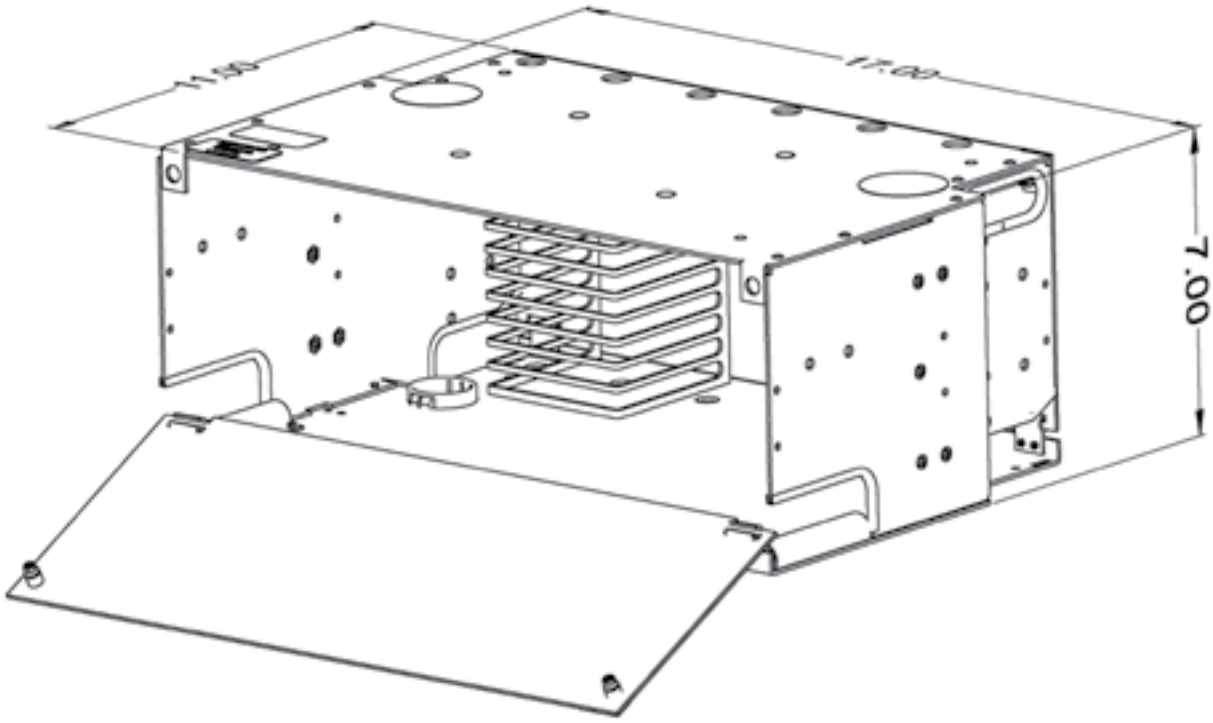
The enclosure has reversible mounting tabs for 19" or 23" equipment racks and a smoked Lexan door. The enclosure is an all aluminum construction with a central office white or black powder coat paint finish.

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AM-80-SB

Rack Mount Cabinet – 9 Splice Tray Capacity



ORDERING

Indoor Rack Mount Enclosure

AM-80-SB - XXX

Color WHT - white
BLK - black

American Fiber Distribution Series 80 Enclosure

Technical Specifications

Catalog Number	AM-80-SB
Height	7
Width	17
Depth	11
Adapter Capacity	0
Splice Tray Capacity	9

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FIBER OPTIC
Outdoor Wall Mount Enclosure



Features
- Heavy gauge aluminum construction with powder coat paint finish and stainless steel hardware.
- A padlock hasp is located on the side of the enclosure.
- Adapter plates can be added to the AM-104 in all popular adapter sizes.

Benefits
- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.

Available colors
- Black or white





AM-104
4 Plate, 24 Adapter Capacity

The AM-104 is designed for medium fiber counts in a splice and terminate or terminate only configuration. Four adapter plates can be ordered separately or loaded into the panel for added simplicity. Cable entry is accessed from the bottom of the enclosure through a unique entry port which transforms into a slot for fast and easy cable tie down. The cable slot also provides easy access for pre-terminated or breakout cable by eliminating difficult feed through installations.

The AM-104 series enclosures feature a single outer door with internal gasketing, a rain cap with screened vents, and all stainless steel hardware.

A second inner door provides security for the facilities side of the outside plant cable with a unique security bolt. A padlock hasp is provided on the outside of the box for added security.

An accessory pack is provided with each enclosure containing six tie wraps, ten cable routing clips, and one security bolt tool.

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AM-104

Wall Mount Cabinet
24 Adapter Capacity

Fiber Optic Distribution Enclosures

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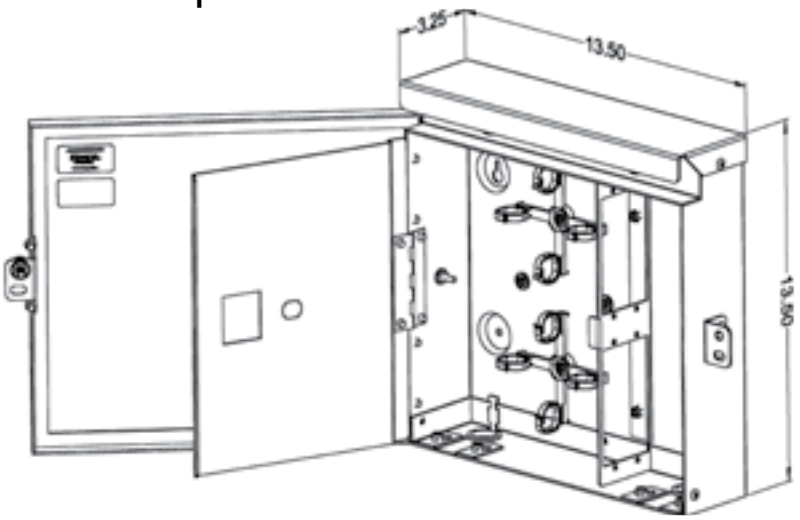
Indoor Wall Mount Enclosure

AM-10 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity**
  - 4 adapter plate capacity
  - 6 adapter plate capacity
- **American Fiber Distribution Series 10 Enclosure**

Technical Specifications

Catalog Number	AM-104
Height	13.5
Width	13.5
Depth	3.25
Adapter Capacity	24
Splice Tray Capacity	4



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



FIBER OPTIC

FIBER OPTIC
Outdoor Wall Mount Enclosure



Features
- Heavy gauge aluminum construction with powder coat paint finish and stainless steel hardware.
- A padlock hasp is located on the side of the enclosure.
- Adapter plates can be added to the AM-106 in all popular adapter sizes.

Benefits
- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.

Available colors
- Black or white





AM-106
6 Plate, 48 Adapter Capacity

The AM-106 is designed for medium fiber counts in a splice and terminate or terminate only configuration. Six adapter plates can be ordered separately or loaded into the panel for added simplicity. Cable entry is accessed from the bottom of the enclosure through a unique entry port which transforms into a slot for fast and easy cable tie down. The cable slot also provides easy access for pre-terminated or breakout cable by eliminating difficult feed through installations.

The AM-106 series enclosures feature a single outer door with internal gasketing, a rain cap with screened vents, and all stainless steel hardware.

A second inner door provides security for the facilities side of the outside plant cable with a unique security bolt. A padlock hasp is provided on the outside of the box for added security.

An accessory pack is provided with each enclosure containing six tie wraps, ten cable routing clips, and one security bolt tool.

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AM-106

Wall Mount Cabinet
48 Adapter Capacity

Fiber Optic Distribution Enclosures

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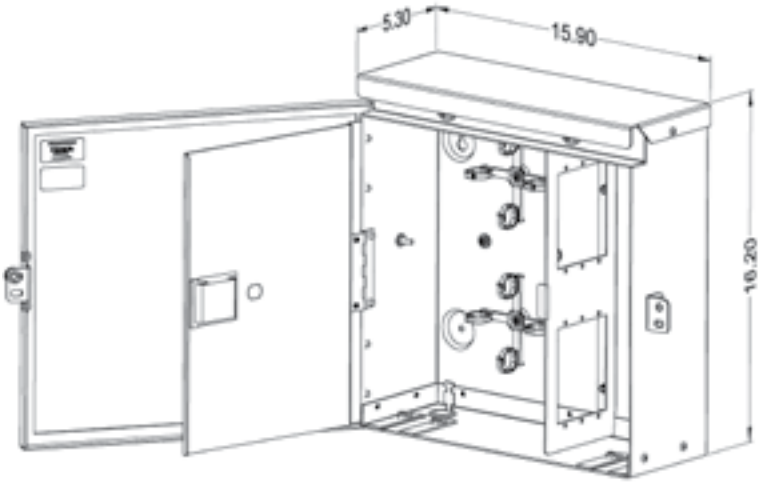
Indoor Wall Mount Enclosure

AM-10 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity**
  - 4 adapter plate capacity
  - 6 adapter plate capacity
- **American Fiber Distribution Series 10 Enclosure**

Technical Specifications

Catalog Number	AM-106
Height	16.2
Width	15.9
Depth	5.3
Adapter Capacity	48
Splice Tray Capacity	4



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



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FIBER OPTIC
Indoor Wall Mount Enclosure



Features
- Heavy gauge aluminum construction with powder coat paint finish and stainless steel hardware.
- A padlock hasp is located on the top of the enclosure.
- Adapter plates can be added to the AM-202 panel in all popular adapter types.
- Available in black or white

Benefits
- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.
- The units are stackable to allow for future expansion of your network without changing construction standards.



AM-202
2 Plate, 12 Adapter Capacity

American Products 16 fiber capacity wall mount cabinet provides long-lasting protection for fiber optic components. Constructed of powder-coated aluminum with stainless steel hardware, the cabinets resist corrosion and chips from dents and scratches.

The AM-202 enclosure is designed for indoor wall mount applications to terminate low fiber counts. Cable entry can be from the top or bottom of the enclosure through a unique entry port which transforms into a slot for fast and easy tie down. The cable slot also provides easy access for pre-terminated or breakout cable by eliminating difficult feed through installations.

The dual door design provides security with a SEMS bolt requiring a 7/16" nut driver for access, unique security bolt, and a padlock hasp.

Units are stackable to allow easy network expansion. An accessory packet is included with each enclosure containing sufficient tie wraps, cable routing clips, and a security bolt tool.

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AM-202

Wall Mount Cabinet
12 Fiber Capacity

Fiber Optic Distribution Enclosures

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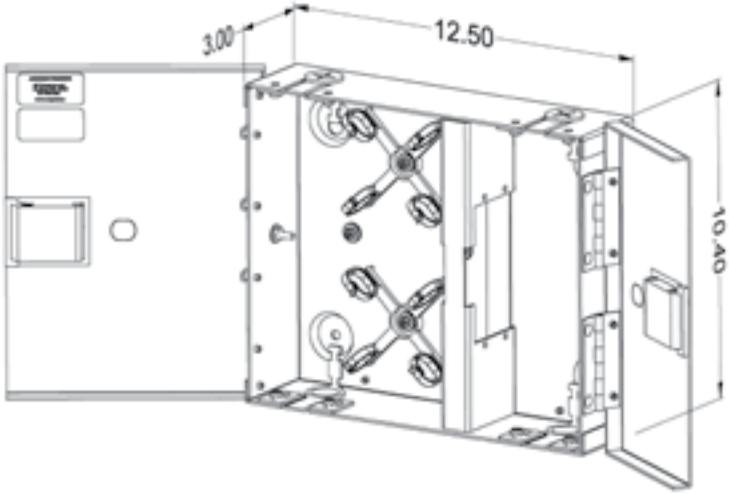
Indoor Wall Mount Enclosure

AM-20 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity**
  - 2 adapter plate capacity
  - 6 adapter plate capacity
- **American Fiber Distribution Series 20 Enclosure**

Technical Specifications

Catalog Number	AM-202
Height	10.4
Width	12.5
Depth	3.0
Adapter Capacity	12
Splice Tray Capacity	2



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



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FIBER OPTIC
Indoor Wall Mount Enclosure



Features
- Heavy gauge aluminum construction with powder coat paint finish and stainless steel hardware.
- A padlock hasp is located on the top of the enclosure.
- Adapter plates can be added to the AM-206 panel in all popular adapter types.
- Available in black or white

Benefits
- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.
- The units are stackable to allow for future expansion of your network without changing construction standards.



AM-206
6 Plate, 48 Adapter Capacity

American Products 48 adapter capacity wall mount cabinets provide long-lasting protection for fiber optic components. Constructed of powder-coated aluminum with stainless steel hardware, the cabinets resist corrosion and chips from dents and scratches.

The AM-206 enclosure is designed for indoor wall mount applications to terminate low fiber counts. Cable entry can be from the top or bottom of the enclosure through a unique entry port which transforms into a slot for fast and easy tie down. The cable slot also provides easy access for pre-terminated or breakout cable by eliminating difficult feed through installations.

The dual door design provides security with a SEMS bolt requiring a 7/16" nut driver for access, unique security bolt, and a padlock hasp.

Units are stackable to allow easy network expansion. An accessory packet is included with each panel containing six tie wraps, ten cable routing clips, and one security bolt tool.

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AM-206

Wall Mount Cabinet
48 Adapter Capacity

Fiber Optic Distribution Enclosures

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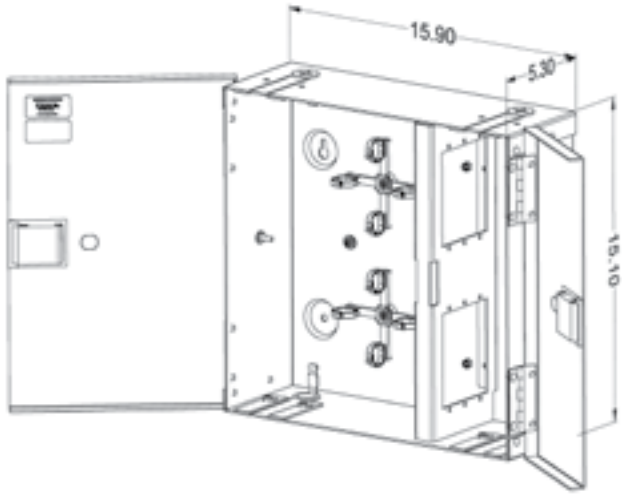
Indoor Wall Mount Enclosure

AM-20 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity**
  - 2 adapter plate capacity
  - 6 adapter plate capacity
- **American Fiber Distribution Series 20 Enclosure**

Technical Specifications

Catalog Number	AM-206
Height	15.1
Width	15.9
Depth	5.3
Adapter Capacity	48
Splice Tray Capacity	4



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- Type: -SC, -ST, -LC, -FC
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Type: -SC, -ST, -LC, -FC
- Add if required: - D (Duplex), - Q (Quad)
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



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FIBER OPTIC
Indoor Rack Mount Enclosure



Features
- Heavy gauge aluminum construction with powder coat paint finish and stainless steel hardware.
- Adapter plates can be ordered for the AM-903 enclosure in all popular adapter types.

Benefits
- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.
- One cabinet fits 19" or 23" rack and 1" and 1.75" hole spacing.

Available Colors
- Black or white

AM-903
1RU, 3 Plate, 24 Adapter Capacity

The AM-903 rack mount fiber optic enclosure provides an excellent location for the transition from outside plant loose tube gel-filled to tight buffer distribution cables.

The AM-903 is simple to use, because it allows one location for pre-terminated cables, splicing to pigtails in a pre-wired panel or direct termination.

Each AM-903 has secure cable tie bars and internal cable routing guides for ease of handling entrance cable. A completely removable slide out tray allows total access to adapters and splice trays. The AM-903 has reversible mounting tabs for 19" or 23" equipment racks and a clear Lexan front door.

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AM-903

Rack Mount Cabinet 24 Adapter Capacity

Fiber Optic Distribution Enclosures

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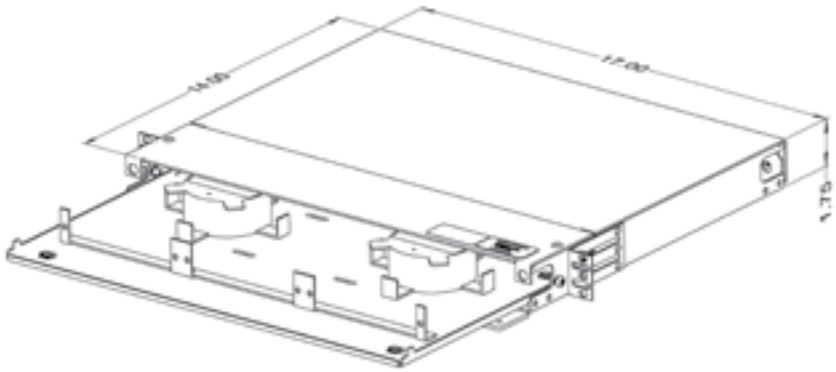
Indoor Rack Mount Enclosure

AM-90 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity** - 3 adapter plate capacity, - 4 adapter plate capacity
- **American Fiber Distribution Series 90 Enclosure**

Technical Specifications

Catalog Number	AM-903
Height	1.75
Width	17
Depth	14
Adapter Capacity	24
Splice Tray Capacity	2



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



FIBER OPTIC

FIBER OPTIC

Indoor Rack Mount Enclosure



Features

- Hinged Lexan front and aluminum rear doors.
- Cable clamp brackets for easy cable tie down.
- Removable top access panel.

Benefits

- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to
- chipping from dents and scratches.
- On cabinet fits 19" or 23" racks and 1" and 1.75" hole spacing.

Available Colors

- Black or white

AM-804

2RU, 4 Plate 32 Adapter Capacity

The American Products AM-804 is used to terminate outside plant loose tube gel filled fibers or buffered fibers. It allows one location for pre-terminated cables or direct termination of up to 96 fibers, depending on adapter configuration. It has internal cable routing guides for ease of handling entrance cables.

The enclosure has reversible mounting tabs for 19" or 23" equipment racks and a smoked Lexan door. The enclosure is an all aluminum construction with a central office white or black powder coat paint finish.

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AM-804

Rack Mount Cabinet
32 Adapter Capacity

Fiber Optic Distribution Enclosures

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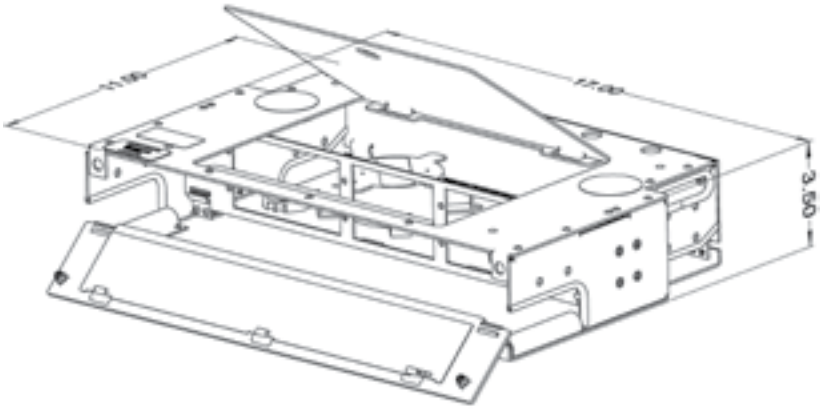
Indoor Rack Mount Enclosure

AM-80 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity**
  - 4 adapter plate capacity
  - 12 adapter plate capacity
- **American Fiber Distribution Series 80 Enclosure**

Technical Specifications

Catalog Number	AM-804
Height	3.5
Width	17
Depth	11
Adapter Capacity	32
Splice Tray Capacity	2



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



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FIBER OPTIC
Indoor Rack Mount Enclosure



Features
- Heavy gauge aluminum construction with powder coat paint finish and stainless steel hardware.
- Adapter plates can be ordered for the AM-906 enclosure in all popular adapter types.

Benefits
- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.
- One cabinet fits 19" or 23" rack and 1" and 1.75" hole spacing.

Available Colors
- Black or white

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AM-906
2RU, 6 Plate, 48 Adapter Capacity

The AM-906 rack mount fiber optic enclosure provides an excellent location for the transition from outside plant loose tube gel-filled to tight buffer distribution cables

The AM-906 is simple to use, because it allows one location for pre-terminated cables, splicing to pigtails in a pre-wired panel or direct termination.

Each AM-906 has secure cable tie bars and internal cable routing guides for ease of handling entrance cable. A completely removable slide out tray allows total access to adapters and splice trays.

The AM-906 has reversible mounting tabs for 19" or 23" equipment racks and a clear Lexan front door.

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AM-906

Rack Mount Cabinet
48 Adapter Capacity

Fiber Optic Distribution Enclosures

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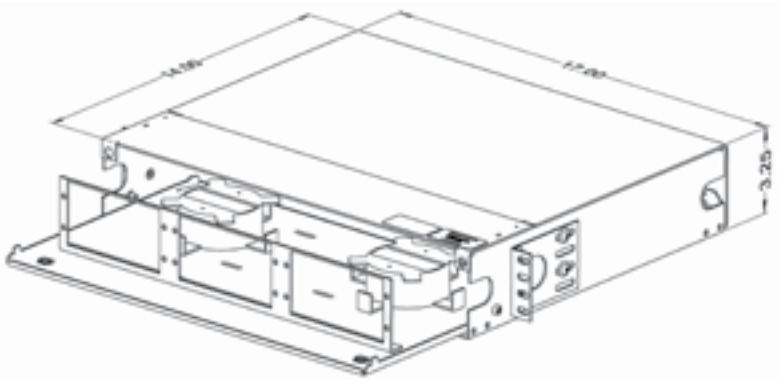
Indoor Rack Mount Enclosure

AM-90 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity**
  - 3 adapter plate capacity
  - 4 adapter plate capacity
- **American Fiber Distribution Series 90 Enclosure**

Technical Specifications

Catalog Number	AM-906
Height	3.25
Width	17
Depth	14
Adapter Capacity	48
Splice Tray Capacity	4



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



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FIBER OPTIC
Indoor Rack Mount Enclosure



Features
- Hinged Lexan front and aluminum rear doors.
- Cable clamp brackets for easy cable tie down.

Benefits
- Corrosion resistant for long life
- Powder coat paint process provides superior resistance to chipping from dents and scratches.
- On cabinet fits 19" or 23" racks and 1" and 1.75" hole spacing.

Available Colors
- Black or white

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AM-8012
4RU, 12 Plate 96 Adapter Capacity

The American Products AM-8012 is used to terminate outside plant loose tube gel filled fibers or buffered fibers. It allows one location for pre-terminated cables or direct termination of up to 288 fibers, depending on adapter configuration. It has internal cable routing guides for ease of handling entrance cable.

The enclosure has reversible mounting tabs for 19" or 23" equipment racks and a smoked Lexan door. The enclosure is an all aluminum construction with a central office white or black powder coat paint finish.

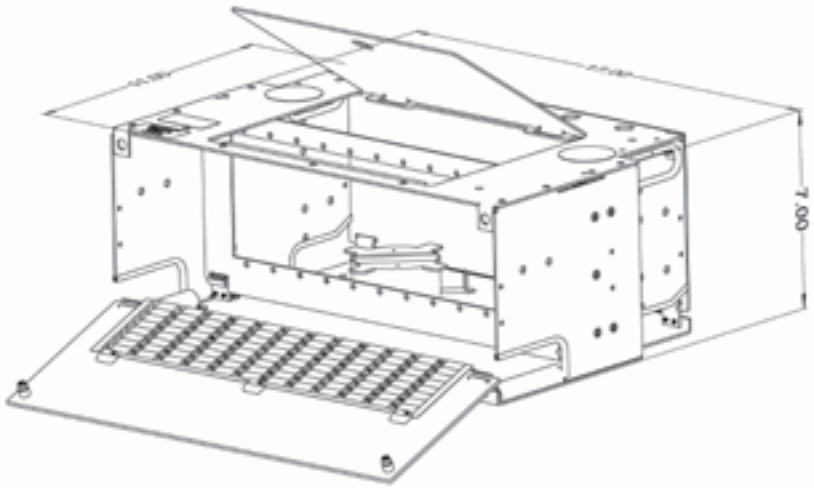
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AM-8012

Rack Mount Cabinet
96 Adapter Capacity

Fiber Optic Distribution Enclosures



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Indoor Rack Mount Enclosure

AM 80 X - XXX

- **Color** WHT - white, BLK - black
- **Adapter plate capacity**
  - 4 adapter plate capacity
  - 12 adapter plate capacity
- **American Fiber Distribution Series 80 Enclosure**

Technical Specifications

Catalog Number	AM-8012
Height	7
Width	17
Depth	11
Adapter Capacity	96
Splice Tray Capacity	12

Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



FIBER OPTIC

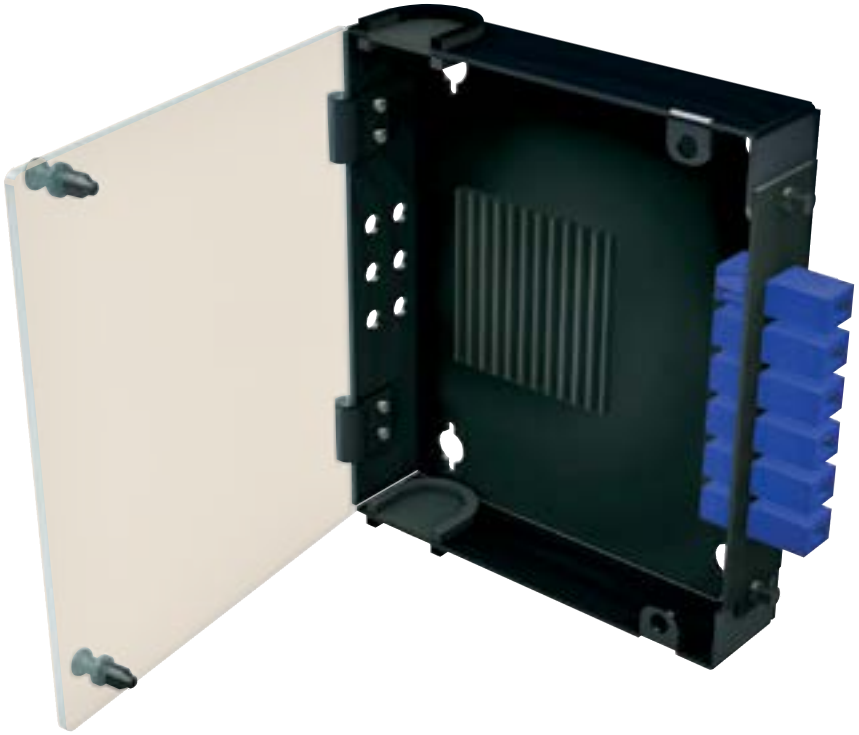
Call a Sales Representative for Assistance.

ver. 08/12/2025

597 Evergreen Road
Strafford MO 65757
417-736-2135
Toll Free: 855-736-2135
amprod.us

FIBER OPTIC

Indoor Wall Mount Enclosure



Features

- Hinged Lexan front door.
- Ideal for splice management, cross-connect or both.
- Top and bottom cable entry.

Benefits

- Corrosion resistant for long life.
- Powder coat paint process provides superior resistance to chipping from dents and scratches.
- Cost effective.

Available Colors

- Black or white





AM-FWM

6 Panel Interconnect & Splice Enclosure

The American Products AM-FWM is used in areas where space is at a premium and access to the environment is controlled.

The enclosure is ideal for cross-connect, splice management or both, and comes with an adapter plate that accommodates up to 12 fibers.

Alternatively, other AM adapter plates may be used to suit the application.

The enclosure is of all aluminum construction with a central office white or black powder coat paint finish and a smoked Lexan door.

Call a Sales Representative for Assistance.

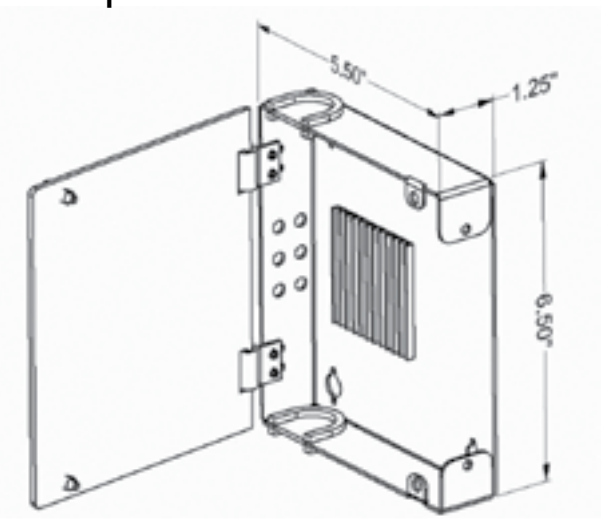
AMERICAN® PRODUCTS Turn-Key Enclosure Solutions

597 Evergreen Road
Strafford MO 65757
417-736-2135
Toll Free: 855-736-2135
amprod.us

AM-FWM

Wall Mount Cabinet
1 Adapter Capacity

Fiber Optic Distribution Enclosures



ORDERING

Indoor Rack Mount Enclosure

AM-FWM - XXX

Color WHT - white
BLK - black

American Fiber Distribution Series FWM Enclosure

Technical Specifications

Catalog Number	AM-FWM
Height	6.5
Width	5.5
Depth	1.25
Adapter Capacity	± 8
Splice Capacity	12

Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- Type: -SC, -ST, -LC, -FC
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Type: -SC, -ST, -LC, -FC
- Add if required: - D (Duplex), - Q (Quad)
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



FIBER OPTIC

Call a Sales Representative for Assistance.

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LGX CASSETTE PLC SPLITTER

Features

- Low Insertion Loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical Stability
- 1x2, 1x4, 1x8, 1x16, 1x32 Splits

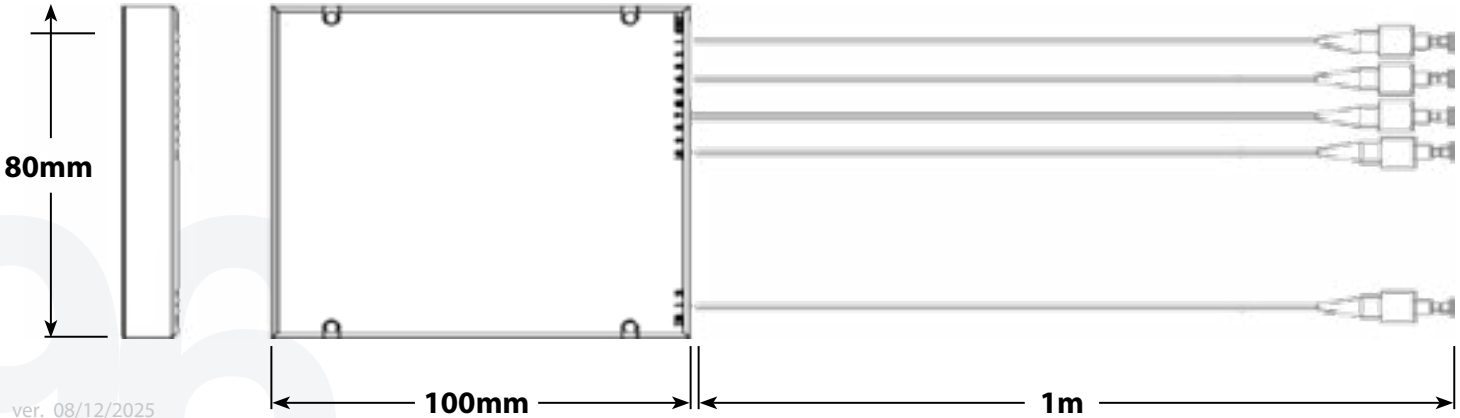
Application

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- Gigabit Passive Optical Networks (GPON)
- Cable Television Networks (CATV)



Includes LGX Adapter Plate

OPTICAL PERFORMANCE	1X4 Port	1X8 Port	1X16 Port	1X32 Port
Operating Wavelength	1260-1650 nm			
Insertion Loss (w/o Connector)	7.5 dB	10.7 dB	14.2 dB	17.0 dB
Insertion Loss Uniformity	1.0 dB	1.0 dB	1.5 dB	2.0 dB
Polarization Dependent Loss	0.1 dB	0.15 dB	0.25 dB	0.4 dB
Directivity	> 55 dB			
Return Loss	> 55 dB			
Maximum Optical Power	300 MW			
Operating Temperature	- 40°C to +85°C			
Storage Temperature	- 40°C to +85°C			
Storage Relative Humidity	20-90 (%RH)			



LGX CASSETTE PLC SPLITTER

Technical Specifications



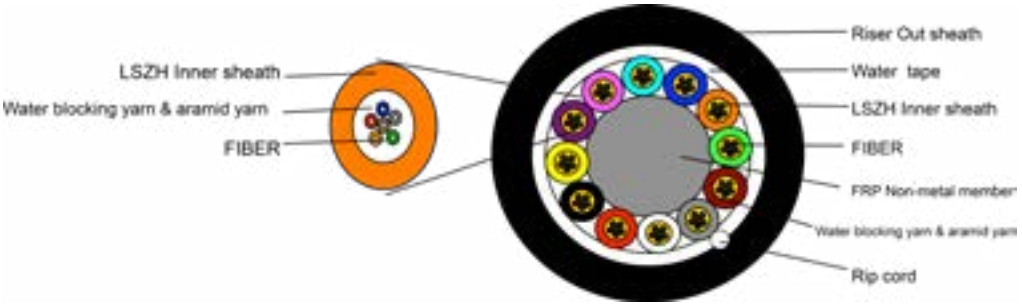
OPTICAL PERFORMANCE	UNIT	1X4	1X8	1X16	1X32
Insertion Loss (w/o Connector)	Max dB	7.5 dB	10.7 dB	14.2 dB	17.0 dB
Insertion Loss of Connector	Max dB	0.02	0.02	0.02	0.02
Insertion Loss (w/ Connector)	Max dB				
Uniformity Loss	Max dB	1.0 dB	1.0 dB	1.5 dB	2.0 dB
Polarization Dependent Loss	Max dB	0.1 dB	0.15 dB	0.25 dB	0.4 dB
Wavelength Bandwidth	Min nm	1260-1650	1260-1650	1260-1650	1260-1650
Return Loss (All Port)	Min dB	> 55 dB	> 55 dB	> 55 dB	> 55 dB
Directivity	Min dB	55	55	55	55
Operating Temperature	℃	-40~85	-40~85	-40~85	-40~85
MECHANICAL AND CONFIG					
Label Material & Dimension		70*50(mm)	70*50(mm)	70*50(mm)	70*50(mm)
Serialization Laser Marking		Label	Label	Label	Label
PLC Splitter Packing		ABS Plastic Box	ABS Plastic Box	ABS Plastic Box	ABS Plastic Box
Package Dimensions		10*80*100(mm)	10*80*100(mm)	18*80*120(mm)	18*80*120(mm)
SPECIAL MATERIALS					
Fiber Type		G657A1	G657A1	G657A1	G657A1
Fiber Color	Input	Original	Original	Original	Original
	Output	4 Color (Blue/Orange/Green/Brown)	4 Color (Blue/Orange/Green/Brown)	2*8 Color (Blue/Orange/Green/Brown/Gray/White/Red/Black)	4*8 Color (Blue/Orange/Green/Brown/Gray/White/Red/Black)
Tube Type		Φ2.0, PVC	Φ2.0, PVC	Φ2.0, PVC	Φ2.0, PVC
Tube Color	Input	Yellow	Yellow	Yellow	Yellow
	Output	Yellow	Yellow	Yellow	Yellow
Connector Type	Input/ Output	SC/APC - SC/UPC LC/APC - LC/UPC	SC/APC - SC/UPC LC/APC - LC/UPC	SC/APC - SC/UPC LC/APC - LC/UPC	SC/APC - SC/UPC LC/APC - LC/UPC

FIBER PIGTAIL



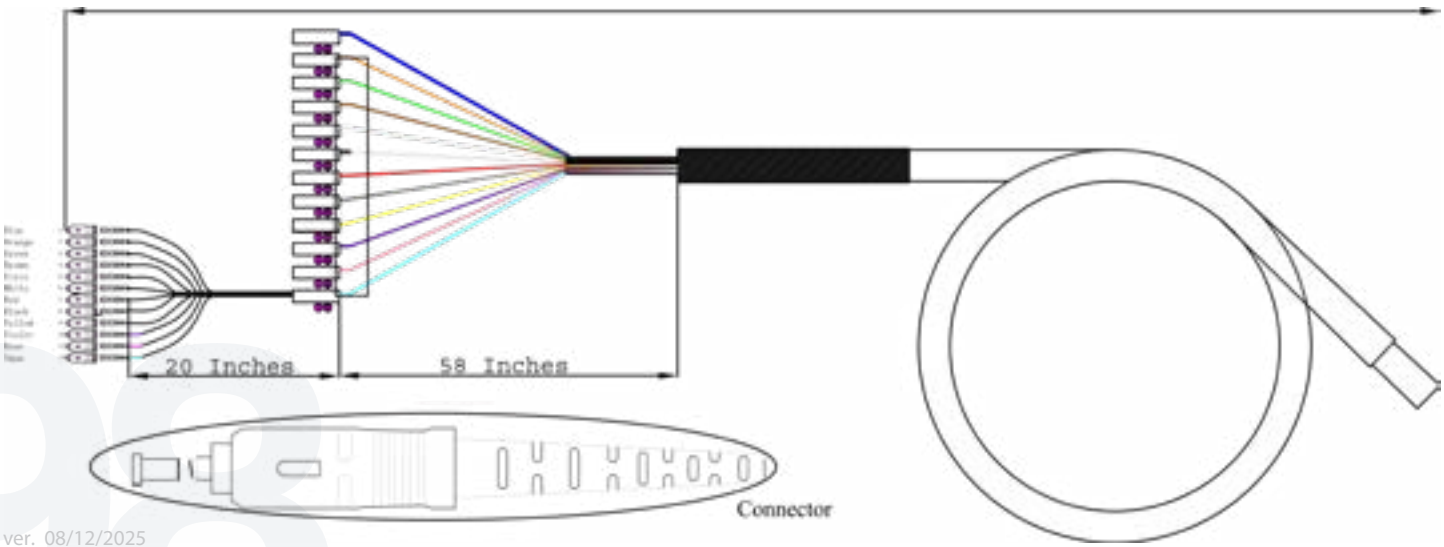
Application

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- Gigabit Passive Optical Networks (GPON)
- Cable Television Networks (CATV)



WAVELENGTH	ATTENUATION
1310 nm	≤ 0.35 (dB/km)
1383 nm	≤ 0.35 (dB/km)
1550 nm	≤ 0.25 (dB/km)

TEST	STANDARD	VALUE	SANCTION*
Max. Installation Tension	IEC 60794-1-2-E1	1500 N	Fiber Strain ≤ 0.33%, Δα Reversible
Crush (short term)	IEC 60794-1-2-E3	1000 N / 100mm	Δα ≤ 0.1 dB
Temperature Range	IEC 60794-1-2-F1	-30 -> +70°C	Δα ≤ 0.1 dB /km
Water Penetration	TIA-455-82	Sample=1m, Water=1m	No Water Leakage After 1 Hour
** values for single-mode fibers, all optical measurements performed at 1550 nm*			



FIBER PIGTAIL
Technical Specifications



	UNIT	12	24	36	48	72	96	144
Design (element x fiber)		6x12	6x12	6x12	6x12	6x12	8x12	12x12
Loose Tube / Filler - Ø nominal	mm	2.4	2.4	2.4	2.4	2.4	2.4	2.4
CSM/coating nominal diameter	mm	2.7	2.7	2.7	2.7	2.7	2.5/4.0	2.5/8.0
Outer sheath nominal thickness	mm	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Cable nominal Diameter	mm	11.4	11.4	11.4	11.4	11.4	13.2	16.7
Cable Weight	kg / km	97	97	97	97	97	123	194
Min. bending radius	mm	Without Tension 10 x Cable - Ø Under Maximum Tension 20 x Cable - Ø						
Temperature range	°C	Installation -5 -> +50 Transport. & Storage -40 -> +70 Operation -30 -> +70						
Fanout Connectors		SC/APC w/ 2mm Jacket						

TEST	STANDARD	VALUE	SANCTION*
Max. Installation Tension	IEC 60794-1-2-E1	1500 N	Fiber Strain ≤ 0.33%, Δα Reversible
Crush (short term)	IEC 60794-1-2-E3	1000 N / 100mm	Δα ≤ 0.1 dB
Temperature Range	IEC 60794-1-2-F1	-40 -> +70°C	Δα ≤ 0.1 dB /km
Water Penetration	TIA-455-82	Sample=1m, Water=1m	No Water Leakage After 1 Hour
** values for single-mode fibers, all optical measurements performed at 1550 nm*			

JACKET TYPES
Plenum
Riser
Ribbon
Outdoor Rated
Armored

WAVELENGTHS (nm)	MAX ATTENUATION (dB/km)
1310	≤ 0.35
1383	≤ 0.35
1490	≤ 0.24
1550	≤ 0.20
1625	≤ 0.23

Fiber & Buffer Tube Colors

Number	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLUE	ORANGE	GREEN	BROWN	SLATE	WHITE	RED	BLACK	YELLOW	VIOLET	ROSE	AQUA

Call a Sales Representative for Assistance.

ver. 08/12/2025

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Patch Panel (1RU)
AM-WC-1U3P-PNL

Shown with Optional Plates & Adapters



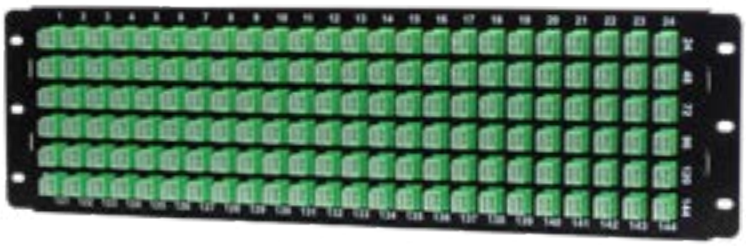
Features

- Max capacity is 18 “Fibers” by using 3 adapter panels of 6 ports LC Quad.
  Max capacity is 18 “Fibers” by using 3 adapter panels of 6 ports SC Duplex.
  Max capacity is 36 “Fibers” by using 3 adapter panels of 12 ports ST/FC.
- RAL7035 or RAL905, and RoHS compliant.
- One unit per package which is in 18.98*2.99*1.73 inches.
- Weight is 2.0 lbs after packaged.



Black

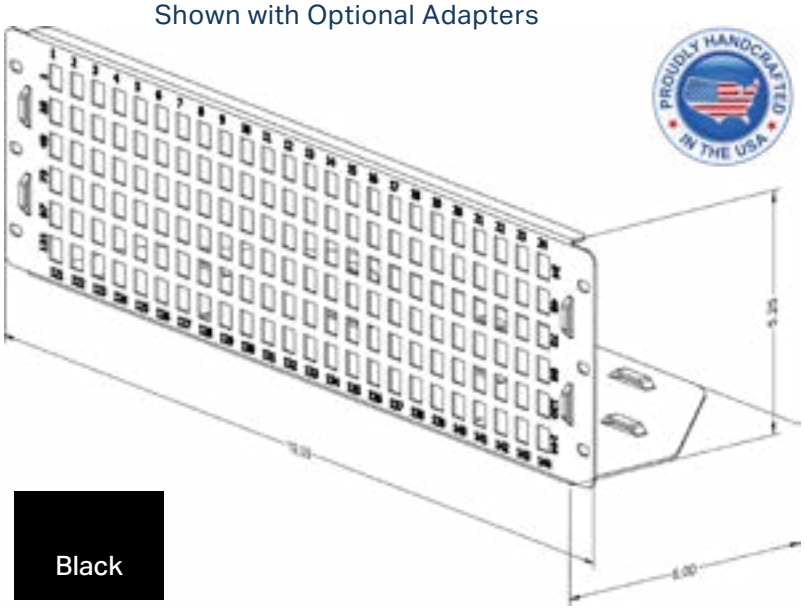
Patch Panel (3RU)
AMLPNL-144-U



Shown with Optional Adapters

Features

- Fits Standard 19" Racking
- 3RU Height
- Up To 144 SC or 288 LC Duplex Module Capacity
- Front and Rear Eyelets to Assist Installers with Cable Management
- Flat Black Powder Coat Finish
- Supports Mounting of Splice Trays in Rear
- Formed Flange on Top for Rigidity





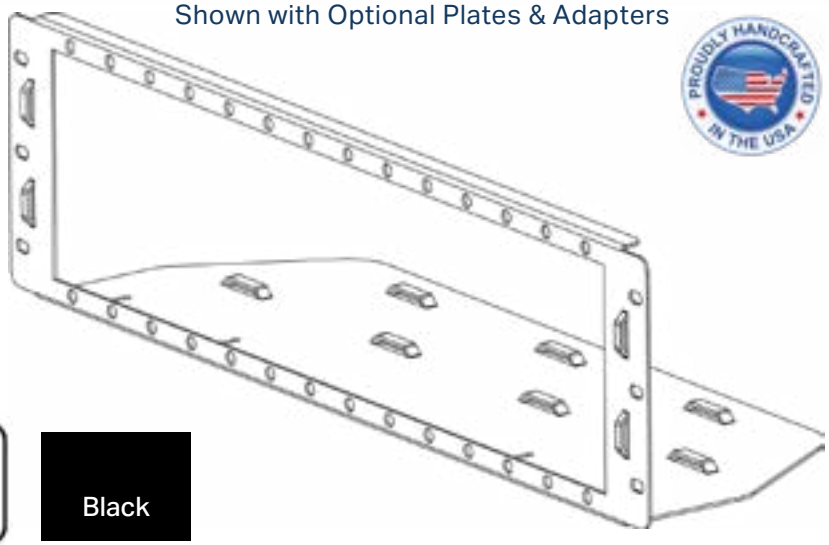
Black

LGX Panel (3RU)
AMLPNL-14-LGX



Shown with Optional Plates & Adapters

Features
- Fits Standard 19" Racking
- 3RU Height
- Support 14 LGX modules
- Front and Rear Eyelets to Assist Installers with Cable Management
- Flat Black Powder Coat Finish
- Supports Mounting of Splice Trays in Rear



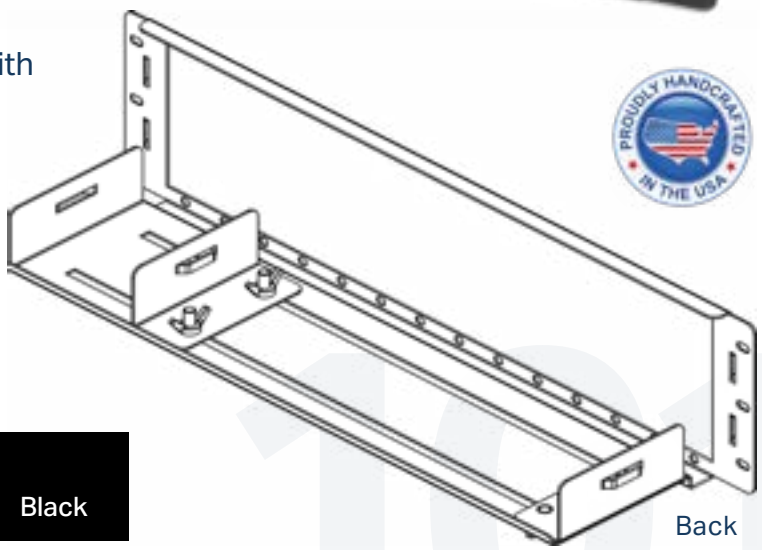
GALV Steel | Powder Coat | 19" | Black

Universal Panel
AML-USP



Front

Features
- Fits Standard 19" Racking
- 3RU Height
- Supports 14 LGX Modules
- Front and Rear Eyelets to Assist Installers with Cable Management
- Flat Black Powder Coat Finish



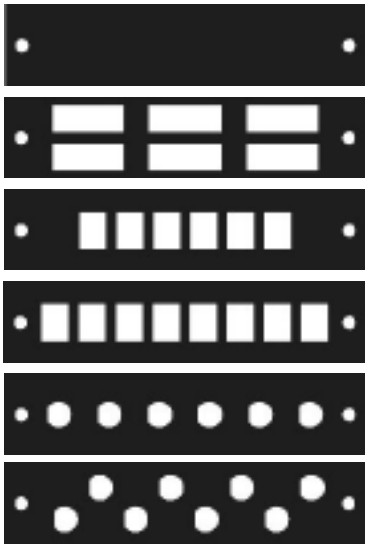
Back

GALV Steel | Powder Coat | 19" | Black

Plates and Adapters

To accompany all American Products fiber optic enclosures, American Products developed snap-in fiber adapter plates that are versatile enough to meet any fiber application and durable enough to withstand field installations.

- Available in 6-, and 8-port fiber configurations
- Panel options available include ST, FC, SC, LC and others
- High density applications can be reached through Dual and Quad LC applications



Standard Color / finish:
Color shown here is approximate.









SC Simplex & Duplex



LC Duplex & Quad



Part Number Matrix for AM Series Loaded/Unloaded Fiber Optic Adapter Plates

Loaded Plates

AM - L XX X X X XXX

- Color: WHT - white, BLK - black
- Adapter Body Color: - T (Tan/Beige), - B (Blue), - A (Aqua), - G (Green)
- *Adapters: - 6 Adapters, - 8 Adapters
- *Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - L (Loaded)

Empty Plates

AM - N XX X X XXX

- Color: WHT - white, BLK - black
- Adapters: - 6 Adapters, - 8 Adapters
- Add if required: - D (Duplex), - Q (Quad)
- Type: -SC, -ST, -LC, -FC
- - N (No Adapters)

Blank Plates

AM - BLANK XXX

- Color: WHT - white, BLK - black
- Blank Plate

Adapter Body Color Scheme:

Tan/Beige - Multi-mode, Phos. Bronze Sleeve
Blue - Single-mode, Ceramic Sleeve
Aqua - Multi-mode (10 GIG), Phos. Bronze Sleeve
Green - Single-mode (APC), Ceramic Sleeve
Other colors available, minimum orders may apply.

*SC Duplex and LC Quad adapters only available in quantity of 6 adapters per plate.



ACCESSORIES

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Rack Mount Fiber Storage

5 RU fiber (cable) slack storage box. Holds up to 50' of cable.



Black



Horizontal Wire Management

1RU cable management panel for 19" or 23" rack applications.
Steel construction with (5) D-rings powder coated black.





Black

Verticle Wire Management

19" to 23" rack adapters with optional 5" extensions and variable length.
Integrated wire management, 12 GA steel, powder coated black.



Without Extensions



With Extensions



Black



Mounted

Portable Laptop Tray AM-1915-LTT-P

19"Wx15"D – Light Textured Beige Powder Coated Aluminum. Featuring an adjustable hanger bracket and lipped platform to secure the laptop from sliding, the AM-1915-LTT-P is light weight, easy to use and very mobile. Folds for easy storage.





Beige

Cabinet/Wall Mount Laptop Tray AM-(19)1615-LTT

19" or 16"Wx15"D – Light Textured Beige Powder Coated Aluminum. Designed to be permanently mounted to a cabinet door, shelter wall or inside a utility space, the AM-(19)1615-LTT features a lipped platform to secure the laptop from sliding and space saving fold flat design.





Beige

Rack Mount Storage / Shelf AM-(20)1614-LTT-1RU

20"Wx14"D or 16"Wx14"D – Powder Coated Black Cold Rolled Steel. Designed for any standard 19" and 23" rack, it only requires 1 RU of rack space and is ideal for equipment cabinets and stand alone equipment racks. It is vented and has a slipped platform to secure the laptop from sliding.





Black

Rack Mount CPU Shelf AMPA-20247CS

Rack mount CPU vented shelf with lockable door. Steel construction, powder coated black.





Black

Center Mount Battery Trays

These rack mount battery trays are made of heavy gauge steel for a sturdy platform and a powder coat paint finish. They fit standard 19" & 23" racks or cabinets and incorporate standard EIA rail spacing.



Black

4 post mount battery trays are also available in many sizes, and are fabricated using .125 aluminum with a powder coat beige finish.



Unvented

Vented

Shelves

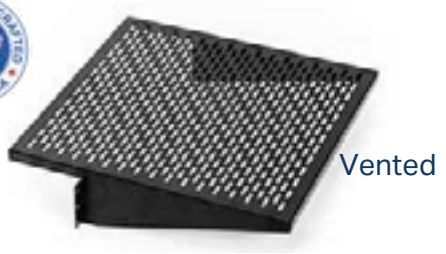
Utilizing just 3RUs of space, these rack mount shelves are made of heavy gauge steel for a sturdy platform and a powder coat paint finish. They fit standard 19" racks or cabinets and incorporate standard EIA rail spacing.



Black



Unvented



Vented

Rackguard

The RackGuard rack security where limited access is required. Fits 19" racks and is vailable in 2RU, 4RU & 8RU





Each door boasts a padlock hasp.



Part Numbers:
AM-RG3519-2RU-BLK
AM-RG7019-4RU-BLK
AM-RG1419-8RU-BLK



Black

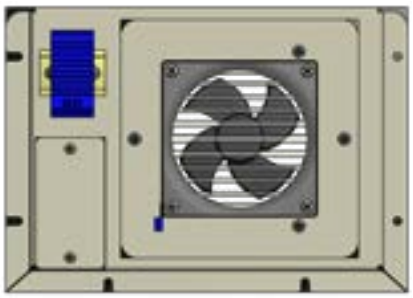
PROUDLY HANDCRAFTED IN THE USA

Ventilation Fan Systems

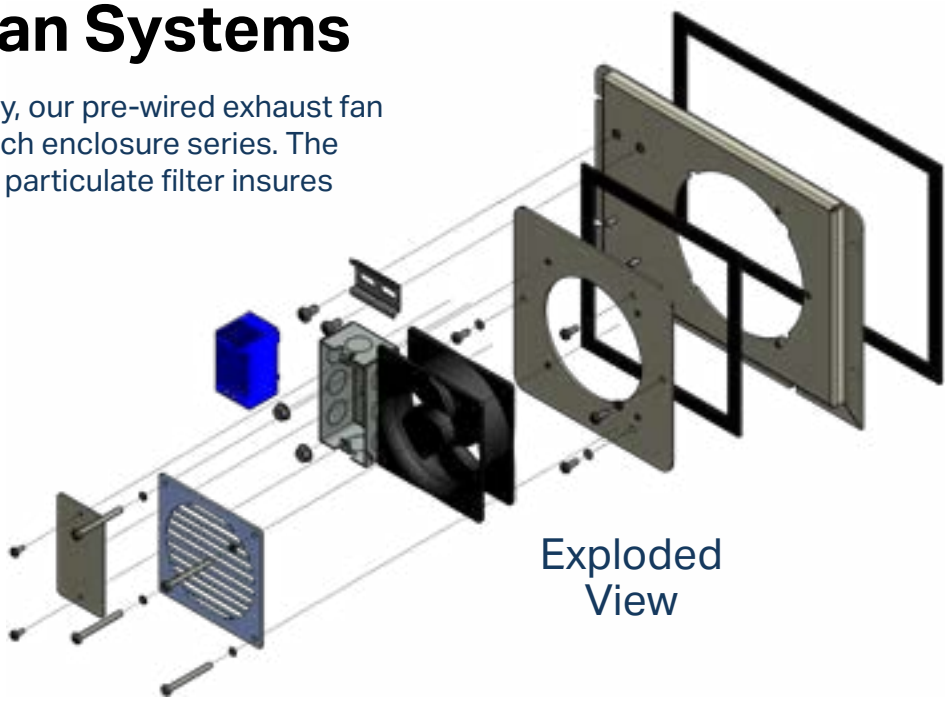
Designed to maintain NEMA integrity, our pre-wired exhaust fan assemblies are custom made for each enclosure series. The included adjustable thermostat and particulate filter insures long life of your components.

Features

- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat
- Particulate Filter



AM-2418-FP-115 for AP MINIFORT®



Exploded View









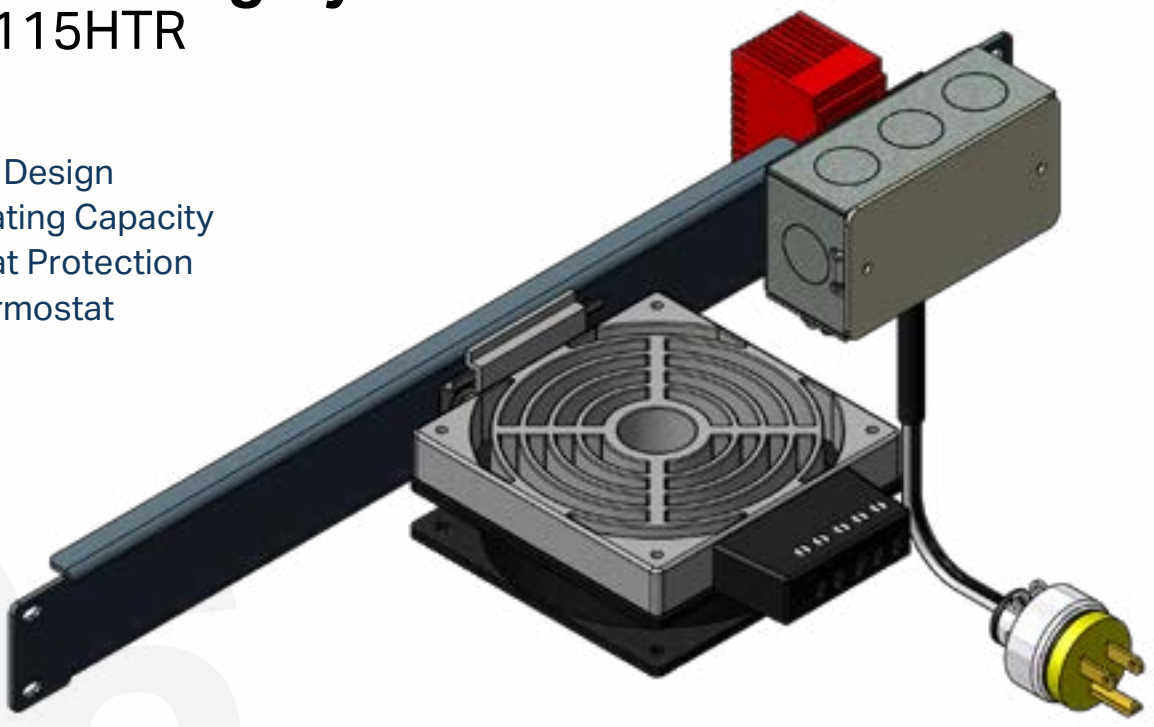
Beige

DIN Rail Heating Systems

AM-300-115HTR

Features

- Compact & Flat Design
- 300W Total Heating Capacity
- Built-in Overheat Protection
- Adjustable Thermostat
- 115/230VAC



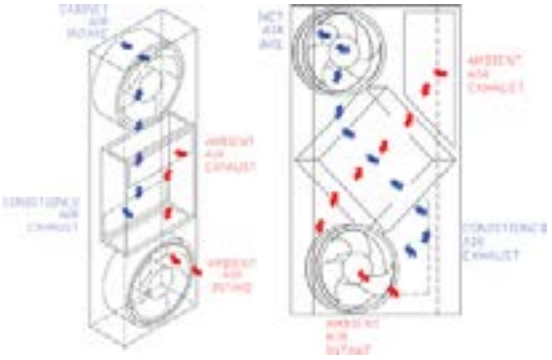


Heat Exchangers

We offer a full line of vertical mount heat exchangers designed to mount on the side, front, back, or door of our enclosures, and range from 5.7-83 Watts / °F (10.3-149.4 Watts / °C) of closed-loop cooling capacity.

Features

- UL Certified
- CE Certified
- RoHS Compliant
- REACH Compliant
- Telcordia GR-487 Tested (Salt Fog & Wind Driven Rain)
- Maintains NEMA type 12, 3R, 4, or 4X integrity of your enclosure
- Adjustable Thermostat
- Available Voltages: 120V 60Hz, 230V 50/60Hz, 48VDC



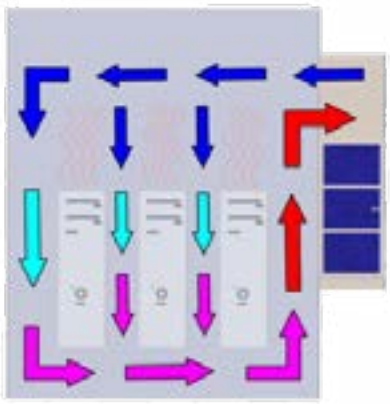
Counter Flow *Cross Flow*

HVAC Systems

If you fail to manage your enclosure's heat gain, the electrical components enclosed within may overheat. Typically manufacturers recommend maintaining an enclosure air temperature of 95°F or less to reduce the internal heat load. Environmental factors, a lack of ventilation, and restricted air flow can also cause the formation of hot spots, which may lead to equipment overheating. We provide the best cooling solution for each application.

We partner with several manufacturers of cooling solutions to offer efficient enclosure air conditioning.

VOLTAIRE SYSTEMS
Marvair®
Dantherm®
Bard SINCE 1914



Features

- We honor all manufacture's warranties - Warranty length depends on chosen manufacturer and model
- Easy installation
- Closed-loop cooling for a controlled, secure environment
- Rated for indoor and outdoor use
- Built-in control board
- Coated condenser coils to protect against dirt
- High-quality and high-performance axial fans
- Lead-lag control multiple cooling units on a single cabinet
- Front access to critical components for ease of use
- Available Voltages: 120V 60Hz, 230V 50/60Hz, 48VDC

Grounding & Bonding

Designing effective electrical protection begins with proper grounding and bonding. By incorporating surge protection, grounding, bonding, and electric power design together, American Products can ensure that all these important elements work together in those most effective manner to achieve maximum reliability and survivability.

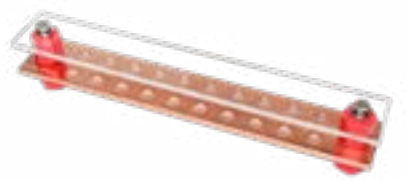
Our grounding and protection design methodology is based on a thorough understanding and application of the influence/coupling/susceptibility interference model and is founded on industry standards and manufacturing best practices.



Halo Ground System for *AP FORT®* Shelter Series

Grounding Types Offered

- Halo Systems
- Isle Grounding



Uncoated Master Copper Ground Bar for *AP INDEPENDENCE® & AP FREEDOM™*



Isolated Aluminum Ground Bar for *AP LIBERTY®, AP BUNKER™*



Isle Ground for *AP FORT®* Shelter Series

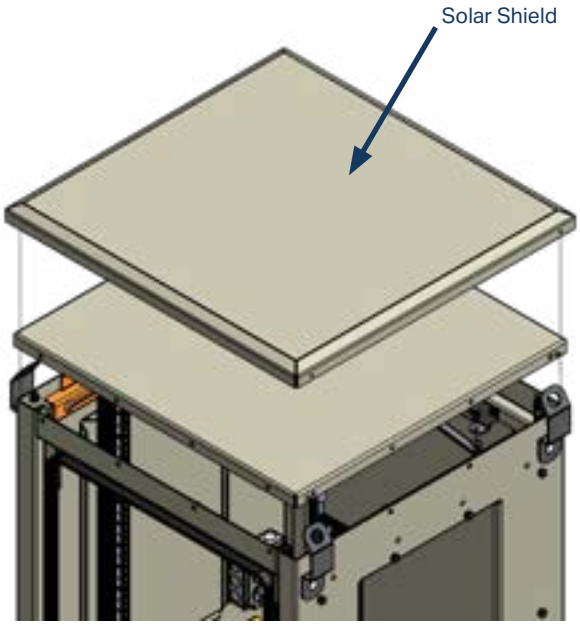
Thermal Insulation

Our Insulation offerings provide for energy efficiency and operational cost savings.

Used in combination with a solar shield or optional double wall construction, you can further extend energy savings on climate control investments.

(R Values of R3-R5 for Cabinets, R11 for AP FORT® Series)

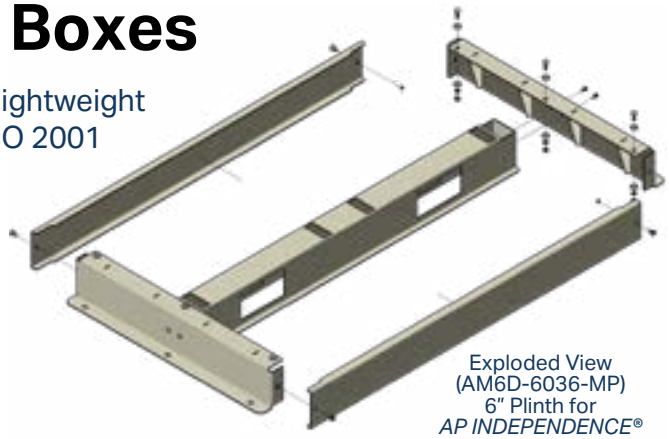




Double Roof and Solar Shield Assembly for *AP INDEPENDENCE®* Series

Mounting Plinths / Battery Boxes

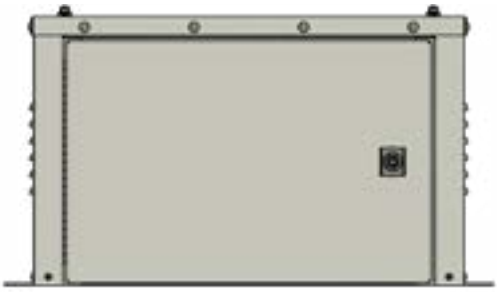
All our Mounting Plinths and Battery Boxes are made from lightweight aluminum and are Proudly Handcrafted in the USA in our ISO 2001 certified manufacturing facility.



Exploded View
(AM6D-6036-MP)
6" Plinth for
AP INDEPENDENCE®

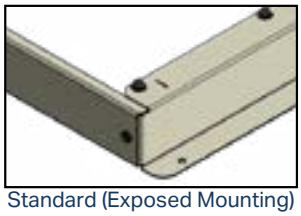
Features

- .125 Gauge Aircraft Grade Aluminum
- Prefabricated Mounting Holes for Sturdy Support
- Type 304 Stainless Steel Hardware
- GR487 Powder Coat Beige
- OPTIONAL "Secure Mount": Mounting Holes Hidden From Public



AMP-2630-BB - 16" Battery Box
for AP INDEPENDENCE®

Mounting Variations



Standard (Exposed Mounting)



Secure Mount (Hidden From Public)



Beige

Wall Mount / Pole Mount Bracketing

All our Mounting Brackets both Pole and Wall are made from lightweight aluminum and are Proudly Handcrafted in the USA in our ISO 2001 certified manufacturing facility.

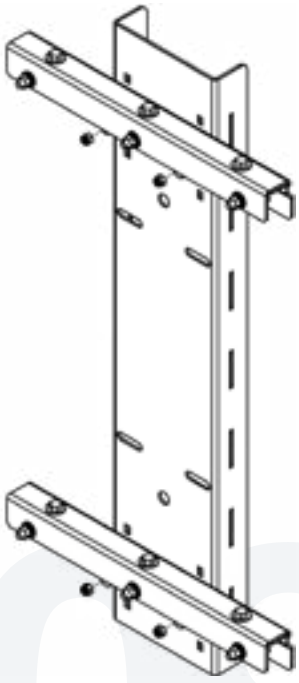
Features

- .125 Gauge Aircraft Grade Aluminum
- Type 304 Stainless Steel Hardware
- GR487 Powder Coat Beige

Beige



AM-2418-PM - Pole Bracket
for *AP MINIFORT®*



AML-PM Pole Bracket
for *AP LIBERTY®*

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Strafford MO 65757
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Toll Free: 855-736-2135
amprod.us

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