

# *AP LIBERTY*<sup>®</sup>

864 Series Fiber Distribution Hub



**AP LIBERTY<sup>®</sup> 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"



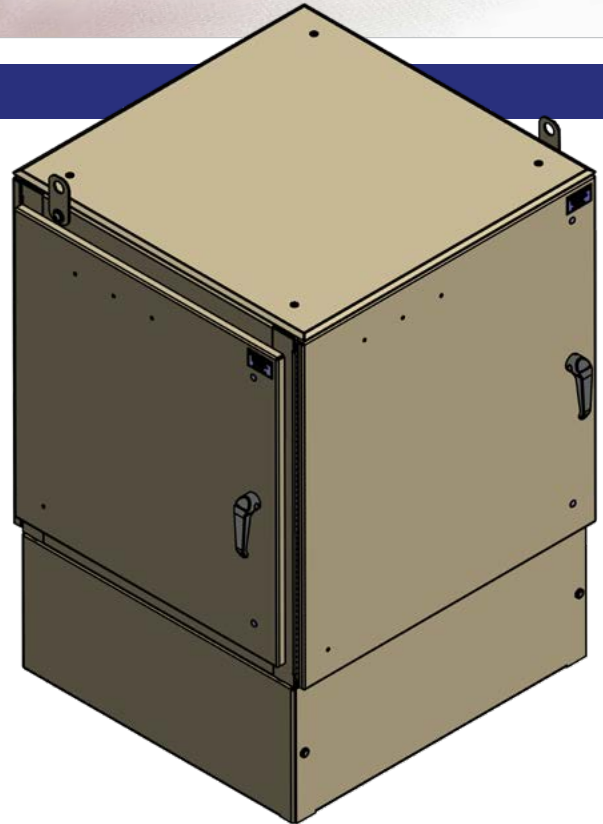
**Solar Shield Roof:** To reduce the radiant heat and internal cooling requirements of the enclosure.



**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.



Shown with Options



Shown with Options

**Call a Sales Representative for Assistance.**

**AP LIBERTY<sup>®</sup> Options**

**LGX Style**

- Splitters
- Splice Trays
- Adapter Plates

**Splice Trays**

- 12 Count
- 24 Count



**Cassette Splitters**

- 1x8
- 1x16
- 1x32
- 2x32
- 1x64



**Mount Options**

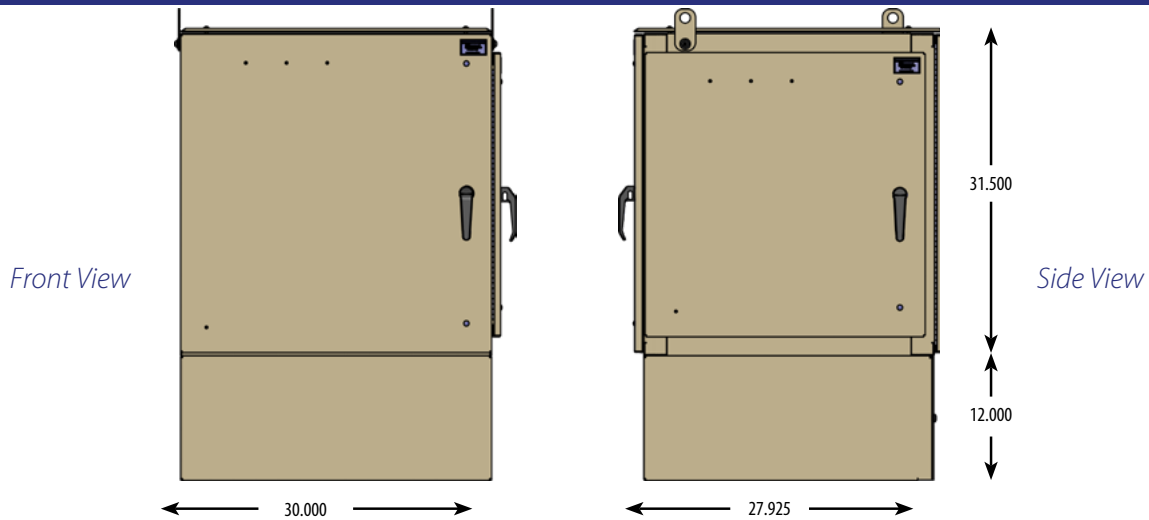
- Plinth
- 12" or 24"



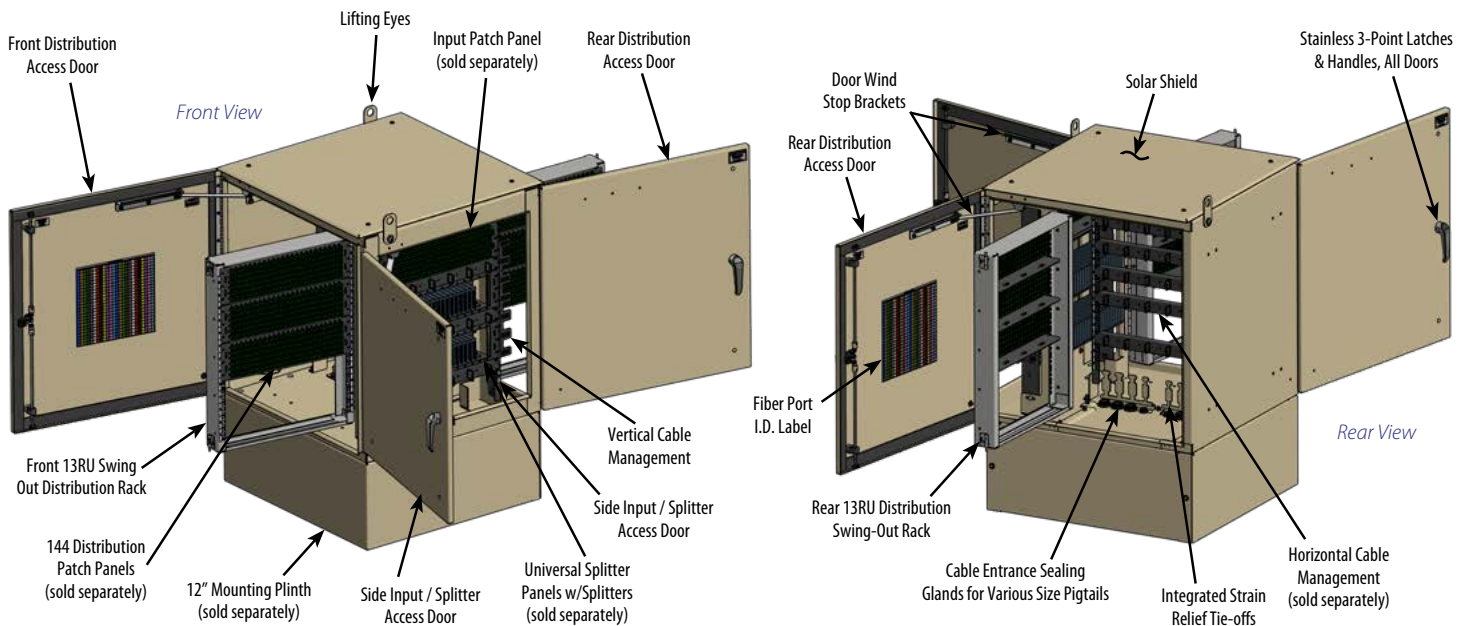
**Fiber Pigtail**

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

**AP LIBERTY<sup>®</sup> 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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## 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 floating cage nuts. 12-24 screws, washers and cage nuts 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.

Visit our website and request a quote today: <https://www.amprod.us/catalog/liberty864/>

**Call a Sales Representative for Assistance.**