

# AP BATTERY™

Outdoor Enclosures for Active Telecom  
Battery Storage  
Type 3R & Type 4X



AMERICAN®  
PRODUCTS 

**AP BATTERY™ Standard Offerings**

**AI .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.

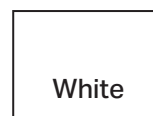


Shown with Climate Control

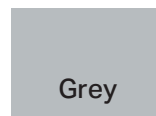
**Standard Color / finish choices:**  
*Colors shown here are approximate.*



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**



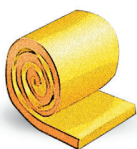
**AC 6,000 BTU/hr**

- Built-in Heater
- Corrosion Protection
- Cold Start Heater



**Exhaust Fan**

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



**Insulation**

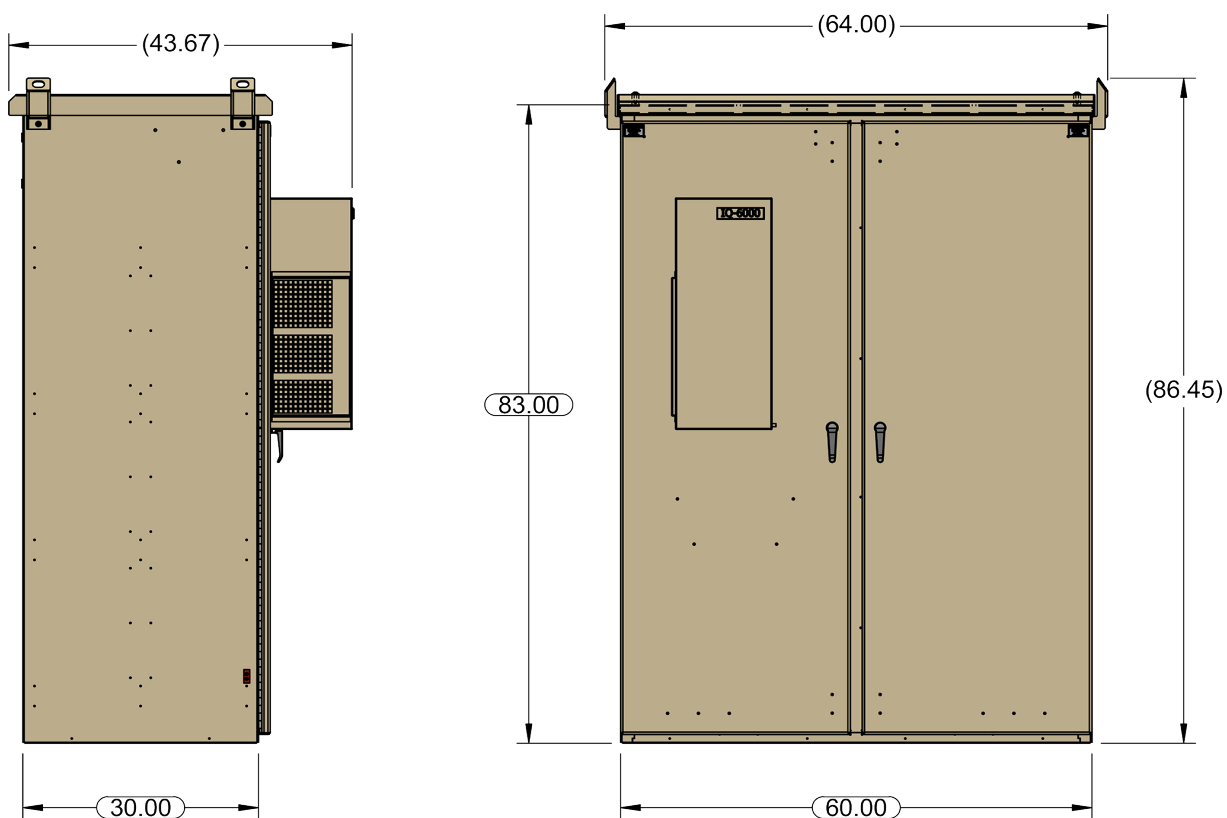
Recommended for climate control options



**Battery Heater Pad**

- 115VAC
- Fits on Battery Tray

**AP BATTERY™ Overall Dimensions - Dual Bay HVAC**



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## 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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