

## BBU Series Battery Backup – 2V Battery

Electronics densification in head ends, hubs or other aggregation points is driving the need for increased space inside existing buildings, shelters, huts, etc. Amphenol 2V Battery Enclosures allow operators to recover valuable, conditioned space within existing buildings by enabling the movement of large 2V strings to the outside of buildings. The battery strings can be disconnected and moved with minimal or no disruption to the network. When faced with the choice between a costly building expansion versus deployment of an enclosure outside the building, the choice is simple – Amphenol 2V Battery Enclosure solution saves operators money!

CUBE Battery Backup (BBU) cabinets are ideally suited for head ends, hub sites, cell sites and other outdoor environments when a large amount of battery backup is required. Multiple BBU cabinets can be combined to achieve an even greater amount of battery backup time or string redundancy. BBU cabinets can be installed adjacent to or remotely from other CUBE Site Support (CUBE-SS) Power Enclosures.



Doors Closed



Doors open

### Specifications

Construction:	0.125" Aluminum Welded Construction Outer Enclosure, Powder Coated Cool White Finish
Mounting Style:	Pad Mount Enclosure
Thermal Management:	Solar Shield and Venting on all models, Direct Air Cooling, DC HVAC or AC HVAC for Environmental Conditioning
Door Latching:	3-Point Latching with Pad Lockable Handle in Front, Removable Panels in Rear, Wind Latch Each Door
Battery Types:	2V VRLA Strings
Battery Breakers:	Optional 1200A Disconnect available as add on kit
Cable Entrance:	Eight (8) .5" Knockouts on rear serve as centering points for Greenlee punch to support larger conduits as required by application
Alarms:	Door Intrusion, High Temperature, HVAC Failure (on configurations with HVAC)

### Supported Battery Types

MFR Battery Model No.	Rated Capacity
East Penn Deka 125-33	2000AH
East Penn Deka 95-29	1000AH

**Ordering Information**

CIFA Number	Standard Mounting	Overall Dimensions	Thermal System	Weight	ABS Part Number
172537	Pad Mount	86"H x 67"W x 37"D	Fans/Vents	550	CUBE-BB48A2HX2
172536	Pad Mount	86"H x 67"W x 37"D	(2) 4K BTU DC HVAC	725	CUBE-BB48A2KX2
172538	Pad Mount	86"H x 67"W x 37"D	(2) 4K BTU AC HVAC	725	CUBE-BB48A2JX2

CIFA Number	Description	ABS Part Number
TBD	1200A Horizontal Disconnect Switch With Shunt	97-HOR1200DISCS

**Battery System Options**

A	Supports EnerSys 2V Solutions from 200-1360AH in 4x6 or 3x8 configurations
B	Supports EnerSys 2V Solutions from 1500-2000AH in 4x6 configurations
C	Supports C&D 2V Solutions for 2038 ad 2180AH in 4x6 configurations
D	Supports East Penn Deka 2V solutions for 1520AH in 4x6 or 3x8 configurations
E	Supports East Penn Deka 2V solutions for 2000AH in 4x6 configurations

**Dimensional Drawings**

