

85B3V-P1-A0D00-00



CMC85-36C VRLA Battery Cabinet 6-String, 1 kW HVAC with 500 W Heater, DC

The cabinet is designed to accommodate 6 strings of -48V VRLA batteries into one cabinet. This cabinet provides mechanical and environmental protection for the equipment inside. Cooling of active equipment is achieved by DC rated 1000W Air Conditioner with 500W heater.

- Excellent Thermal Performance to ensure the battery could be applied in the harsh environment.
- Provide option for security/access control via Puck Lock system.
- Provide the flexible access for the cable entrance.
- Provide the flexible heater Solution for the cold ambient application.
- Platform products to share many parts including plinth, solar shield, and hybrid cable storage units.
- Excellent cable management system.

Product Classification

Regional Availability	North America
Product Type	Power back-up enclosure
Product Series	CMC

General Specifications

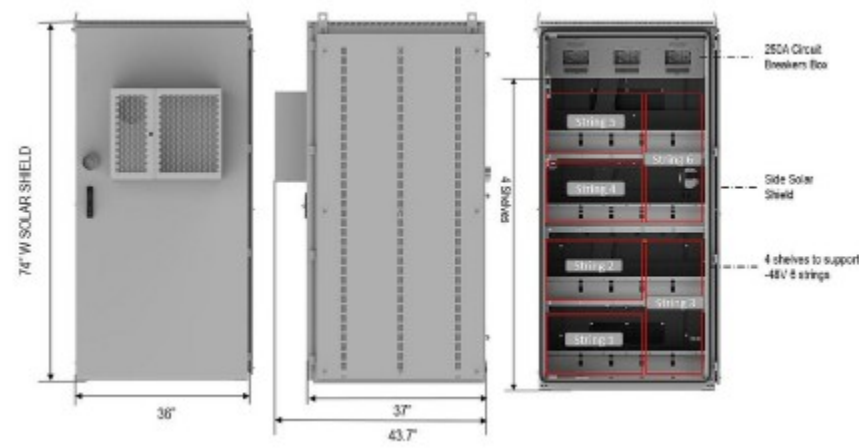
Access	Bottom: Power compartment Rear Wall: Hybrid Cables Side Wall: Power or other cables compartment Top Roof: Alternative Hybrid Cable entrance
Alarm Type	Door open (both front and side doors) HVAC alarms (including high temperature, failure) Overheat S2 module, 20P or standard and user defined alarms Thermal probe
Batteries	Not included
Batteries Supported	6 strings of -48V VRLA batteries from multiple OEMs (not supplied by ANDREW)
Battery Storage	4 battery shelves for holding up to 6 strings of -48V batteries
Capacity	500W Heater built in Air Conditioner
Color	Light Gray (RAL 7035) Others available at additional cost
Cooling	DC Rated 1000W Air Conditioner
Door Security	Quarter turn lock, puck lock system for rear door Swing handle, puck lock system for front door
Grounding Connection	12 positions
Mounting	Mounts directly to steel dunnage with supplied ½” hardware Mounts to concrete pad with customer supplied anchors Optional 6” plinth
Noise Emission, maximum	60 dBA

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Dimensions

Height	1,879.6 mm 74 in
Width	914.4 mm 36 in
Depth	939.8 mm 37 in

Dimension Drawing



Electrical Specifications

Alarm Output	Dry contacts
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Cabinet Mounting



Material Specifications

Finish	Powder coated UV resistant
Material Type	Aluminum

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Environmental Specifications

Operating Temperature	-40 °C to +46 °C (-40 °F to +115 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Qualification Standards	ANSI/UL 62638-1 ETL 4007237 GR-487 IEC 60529, IP55 Seismic rating, zone 4 UL 1801

Packaging and Weights

Weight, net	480.808 kg 1060 lb
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant/Exempted

