

85B3-T5-A00D00-00 | CMC85-36C



CMC85-36C 4200W Thermosiphon Equipment & Battery Cabinet

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.

- 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	2 shelves 4 battery shelves for holding up to 6 strings of -48V batteries
Cabinet Type	Equipment & battery cabinet
Capacity	500W Heater built in Air Conditioner
Color	Light Gray (RAL 7035) Others available at additional cost
Cooling	4200W Thermosiphon DC Rated 1000W Air Conditioner
Door Security	Quarter turn lock, puck lock system for rear door Swing handle, puck lock system for front door
Equipment Storage	27RU
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

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Noise Emission, maximum 60 dBA

Rack Units 27

Dimensions

Height 1,879.6 mm | 74 in

Width 914.4 mm | 36 in

Depth 939.8 mm | 37 in

Electrical Specifications

Alarm Output Dry contacts

Material Specifications

Finish Powder coated | UV resistant

Material Type Aluminum

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

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

Classification

Above maximum concentration value

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on www.andrew.com/ProductCompliance

Compliant/Exempted

