



## CMC85-36C 3000W 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              | 3000W 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                                   |

# 85B3-T6-A00D00-00 | CMC85-36C

Noise Emission, maximum 60 dBA

Rack Units 27

## Dimensions

Height 74 in | 1,879.6 mm

Width 36 in | 914.4 mm

Depth 37 in | 939.8 mm

## 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 1060 lb | 480.808 kg

## 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](http://www.andrew.com/ProductCompliance)

Compliant/Exempted

