

# 760250651 | CMC-85-36C



CMC-85, Equipment and Battery Cabinet VRLA, 3- String, 4 kW Air Conditioner, and 1 kW Battery Air Conditioner with 500 W Heater, DC

The cabinet is designed to combine wireless telecom power equipment and VRLA batteries into one cabinet. Equipment ranges from DC power system, Fiber slack tray, cell site router and other servers equipped by customer. This cabinet provide mechanical and environmental protection for the equipment inside. Cooling of active equipment is achieved by DC rated 4100W Air Conditioner. Provide the 1000W Air Conditioner cooling solution for VRLA battery compartment.

- Excellent Thermal Performance to be compatible with both Heat Exchanger and Air Conditioner.
- Provide enough space for the Power system and other network servers.
- 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.
- Provide the flexible configurations to give best in class maximum equipment rack mounting space (Up to 35 total RU)
- Platform products to share many parts including plinth, solar shield, and hybrid cable storage units.
- Excellent cable management system.

## Product Classification

<b>Regional Availability</b>	Latin America   North America
<b>Product Type</b>	Macro cell site enclosure
<b>Product Series</b>	CMC

## General Specifications

<b>Access</b>	Bottom: Power compartment   Rear Wall: Hybrid Cables   Side Wall: Power or other cables compartment
<b>Alarm Type</b>	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
<b>Batteries Supported</b>	3 strings of VRLA batteries from Multiple OEM
<b>Battery Storage</b>	2 battery shelves for holding up to 3 -48V battery strings
<b>Cabinet Type</b>	Baseband cabinet   Battery back-up cabinet   Transmission cabinet
<b>Capacity</b>	500W Heater built in Air Conditioner
<b>Color</b>	Light Gray (RAL 7035)   Others available at additional cost

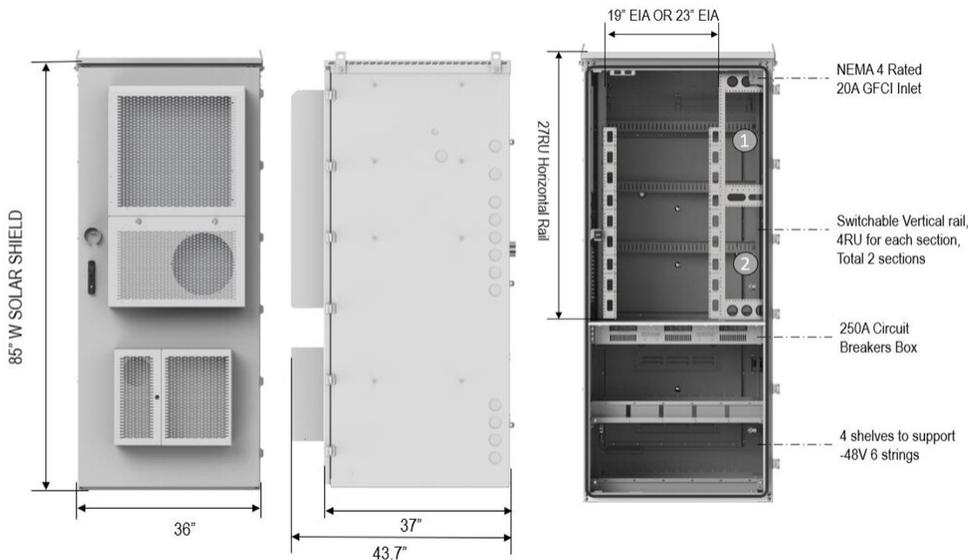
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<b>Cooling</b>	DC Rated 1000W Air Conditioner for Battery Compartment   DC Rated 4100W Air Conditioner Or 420W /k Thermosiphon unit for equipment compartment
<b>Door Security</b>	Quarter turn lock, puck lock system for rear door   Swing handle, puck lock system for front door
<b>Mounting</b>	Mounts directly to steel dunnage with supplied ½" hardware   Mounts to concrete pad with customer supplied anchors   Optional 6" plinth
<b>Noise Emission, maximum</b>	60 dBA
<b>Rack Capacity, total</b>	35RU (Horizontal 27RU +Vertical 8RU)
<b>Rack Type</b>	EIA 19 in   EIA 23 in

## Dimensions

<b>Height</b>	2,159 mm   85 in
<b>Width</b>	914.4 mm   36 in
<b>Depth</b>	939.8 mm   37 in

## Dimension Drawing



## Electrical Specifications

<b>Input Power Supply</b>	125Volt Receptable/Outlet   20AMP GFCI Outlet   Compliant with UL943 Self-Test Requirement
<b>Alarm Output</b>	Dry contacts
<b>Cooling Capacity</b>	4100 W
<b>dc Distribution Type</b>	Universally supports multiple -48VDC OEM Power Plants and Distribution
<b>Voltage</b>	-48 Vdc

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## Cabinet Mounting



## Material Specifications

<b>Finish</b>	Powder coated   UV resistant
<b>Material Type</b>	Aluminum

## Environmental Specifications

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

## Packaging and Weights

<b>Weight, net</b>	336.112 kg   741 lb
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