



CMC-85, Equipment and Battery Cabinet NiCd, 3-String, 4 kW Air Conditioner, DC

The cabinet is designed to combine wireless telecom power equipment and NiCad 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.

- 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

Regional Availability	Latin America North America
Product Type	Macro cell site enclosure
Product Series	CMC

General Specifications

Access	Bottom: Power compartment Rear Wall: Hybrid Cables Side Wall: Power or other cables compartment
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 Supported	3 strings of Nicad batteries from Multiple OEM
Battery Storage	2 battery shelves for holding up to 3 Nicad battery strings
Cabinet Type	Baseband cabinet Battery back-up cabinet Transmission cabinet
Capacity	500W Heater built in Air Conditioner
Color	Light Gray (RAL 7035) Others available at additional cost
Cooling	DC Rated 4100W Air Conditioner Or 420W/k Thermosiphon unit for equipment compartment
Door Security	Quarter turn lock, puck lock system for rear door Swing handle, puck lock system for front door
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
Rack Capacity, total	49RU (Horizontal 40RU + Vertical 9RU)

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Rack Type EIA 19 in | EIA 23 in

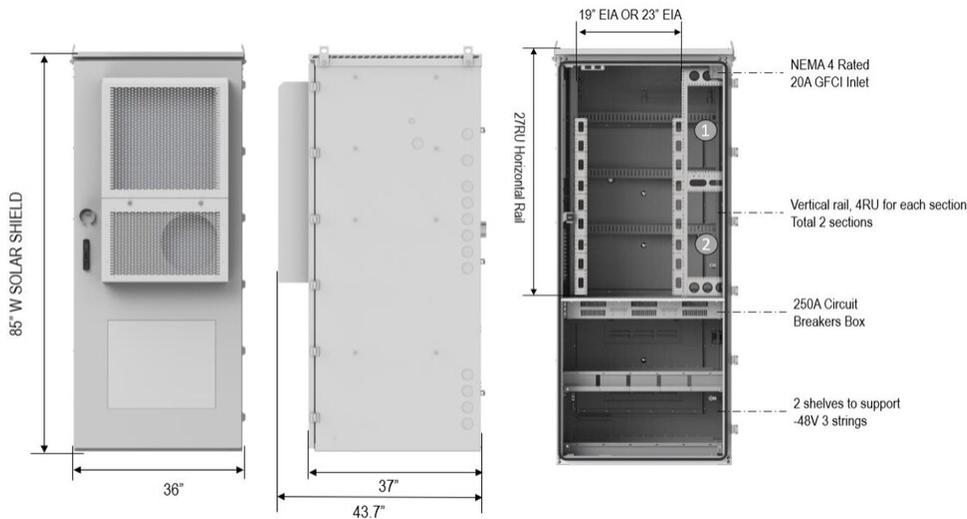
Dimensions

Height 2,159 mm | 85 in

Width 914.4 mm | 36 in

Depth 939.8 mm | 37 in

Dimension Drawing



Electrical Specifications

Input Power Supply 125Volt Receptable/Outlet | 20AMP GFCI Outlet | Compliant with UL943 Self-Test Requirement

Alarm Output Dry contacts

Cooling Capacity 4100 W

dc Distribution Type Universally supports multiple -48VDC OEM Power Plants and Distribution

Voltage -48 Vdc

Cabinet Mounting

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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	331.122 kg 730 lb
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