



CMC-74 Equipment and Battery Cabinet VRLA, 3-String, 3 kW Air Conditioner, 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 3000W Air Conditioner. Cooling solution for VRLA battery compartment is provided by DC rated 1000W 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 flexible access for the cable entrance.
- Provide flexible heater Solution for the cold ambient application.
- Provide flexible configurations to give best in class maximum equipment rack mounting space (Up to 24 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	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 VRLA batteries from Multiple OEM
Battery Storage	2 battery shelves for holding up to 3 -48V battery strings
Cabinet Type	Baseband cabinet Battery back-up cabinet Transmission cabinet
Capacity	500W Heater built in both Air Conditioners
Color	Light Gray (RAL 7035) Others available at additional cost
Cooling	DC Rated 1000W Air Conditioner for Battery Compartment DC Rated 3000W Air Conditioner Or 300W /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

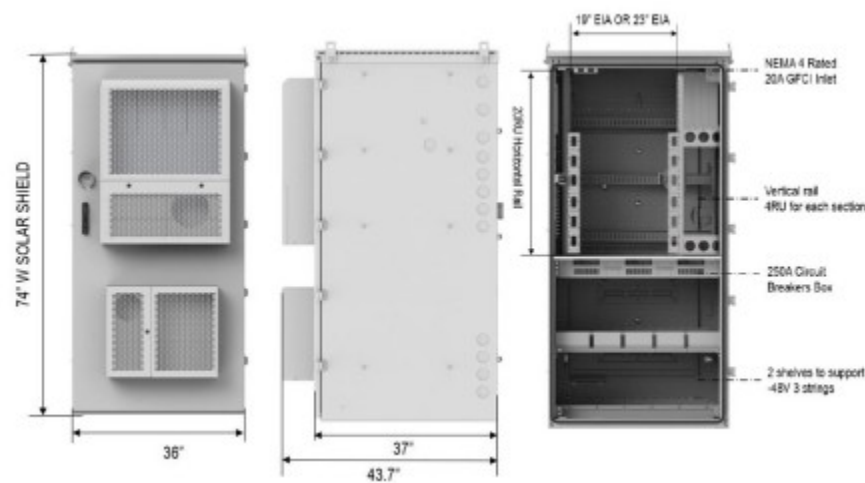
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Noise Emission, maximum	60 dBA
Rack Capacity, total	24RU (Horizontal 20RU +Vertical 4RU)
Rack Type	EIA 19 in EIA 23 in

Dimensions

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

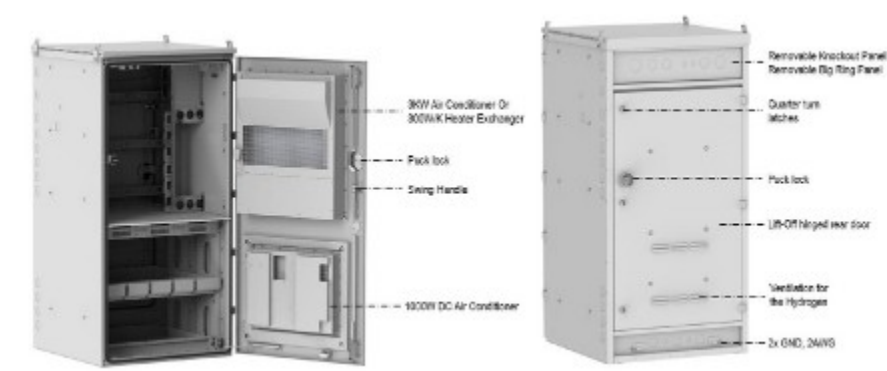
Dimension Drawing



Electrical Specifications

Input Power Supply	125Volt Receptable/Outlet 20AMP GFCI Outlet Compliant with UL943 Self-Test Requirement
Alarm Output	Dry contacts
Cooling Capacity	3000 W
dc Distribution Type	Universally supports multiple -48VDC OEM Power Plants and Distribution
Voltage	-48 Vdc

Cabinet Mounting



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	412.315 kg 909 lb
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