



CMW48 1500W Thermosiphon Outdoor Multi-bay Cabinet

The cabinet is designed to house rack mounted equipment and battery strings. This includes DC power systems, Fiber storage/splice trays, cell site routers, batteries, and other rack mounted equipment. This cabinet provides mechanical and environmental protection for the equipment inside. The cabinet has rack mount rails in both the front and rear of the cabinet, this includes a front door and rear door.

- Excellent Thermal Performance compatible with thermosiphon or HVAC
- Provides mounting space for power distribution, network servers, batteries, or other equipment.
- Front door compatible with Pad Lock.
- Rear door compatible with Pad Lock.
- Provides flexible access for the cable entrances.
- Optional heater for cold environments.
- Provides 16RU of 19” or 23” Rack Space for Equipment in the front and another 16RU in the rear for a total of 32RU. Without a battery compartment, the cabinet provides 24RU in the front and 24RU in the rear for a total of 48RU.
- Common parts available across the same platform.
- Cabinet is 48” high to fit fiber to the home (FTTH) deployment needs.

Product Classification

Regional Availability	North America
Product Type	Outdoor cabinet
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	No battery storage available
Cabinet Type	Multi-bay cabinet
Capacity	500W Heater built in Air Conditioner

48B0-T1-A00D00-00 | CMW48

Color	Light Gray (RAL 7035) Others available at additional cost
Cooling	1500W Thermosiphon
Door Security	Quarter turn lock, puck lock system for rear door Swing handle, puck lock system for front door
Equipment Storage	96RU
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
Noise Emission, maximum	60 dBA
Rack Units	96

Dimensions

Height	1,219.2 mm 48 in
Width	1,574.8 mm 62 in
Depth	1,066.8 mm 42 in

Electrical Specifications

Alarm Output	Dry contacts
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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	272.155 kg 600 lb
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

REACH-SVHC

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

ROHS

Compliant/Exempted

