

TE72-6030

72" Double Door Cell Site Enclosure



Your Power Solutions Partner

- Detachable enclosure design allows for easy separation and transport for roof-top installations, eliminating the need for a crane
- 30RU of customer equipment space on one side with power, distribution and batteries located on the other
- Maximum power supported is 10.8kW @ -48Vdc with 48 plug-in style breakers
- Flexible thermal management solutions enable convenient matching to load and environmental parameters
- Multiple access points from the outside provide greater flexibility in the installation and wiring of customer equipment
- Designed to meet seismic, salt fog and wind-driven rain requirements as per Telcordia GR-487 standard
- Optional rain shield mounts on top of the enclosure to provide protection for field techs working in adverse weather conditions

Alpha outdoor enclosures bring versatility and reliability to outdoor powering applications. The TE72-6030 double door cell site enclosure provides 30RU of customer equipment space on one side with 10.8kW of -48Vdc power and 3 strings of batteries located on the other side. The TE72-6030 enclosure ships as two separate enclosures bolted together and mounted on a common plinth. Trust Alpha outdoor enclosures to provide the ultimate protection for network equipment.



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Consult your Alpha representative for P/N configurations

ELECTRICAL

Voltage:..... 120/240Vac single phase or 208Vac three phase
Output voltage:.....48Vdc nominal
Output power: 10.8kW max (CXRF 48-1.2 kW rectifier shelves)
DC distribution:48 plug-in style breakers

MECHANICAL

Dimensions:
 mm:..... 1829H x 1524W x 762D
 inches:72H x 60W x 30D
Weight:
 Cabinet less batteries
 & rain hood:.....602kg (1325lbs)
 Rain hood:.....48kg (105lbs)
Construction:.....High strength corrosion resistant aluminum
Finish:..... Powder coat
Cable entrance:Removable panels on plinth
Generator connection:Cam-Lok connectors (optional)

HARDWARE

Hinge type:.....3-position lift-off hinge
Handle:.....Stainless steel
Door latch:3 point latch with L-handle for pad locking
Battery trays (qty):3 included with integrated 100A breaker per string

HVAC

Cooling:
 • Thermostat-controlled filtered fan cooling (both enclosures)
 • 10,000 BTU air conditioner (customer equipment side)
Heating:..... 1500W heater integrated with air conditioner
Audible noise:<65 dBA

ENVIRONMENTAL

Temperature:
 Operating: -40 to 46°C (-40 to 115°F)
 Storage: -40 to 85°C (-40 to 185°F)

INSTALLATION

Access:Full front access as well as rear access with removable back panel

ENCLOSURE OPTIONS

AC load center:200A load center
AC generator connection: Cam-Lok connectivity with manual transfer switch
AC surge protection:50kA rated SPD with LED fail indicator and audible alarm

Consult factory for other options

AGENCY COMPLIANCE

CSA:C22.2 No. 60950-01-03
UL:Std. No 60950-01
NEMA rating:Type 3R (CSA C22.2 No. 94-M91)

SYSTEM SPECIFICATIONS (AS SHOWN)

- ▶ **Power enclosure**
- Cordex 1.2kW HP rectifier
- 10,000 BTU/Hr Air Conditioner
- 3 battery trays
- 48 plug-in style breakers
- Filtered fan cooling



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