

TE72-3030(S)

72" GR-487 Single Compartment Enclosure



Your Power Solutions Partner

- 39 RU power enclosure offering full height equipment installation flexibility
- Battery enclosure designed to hold 5 strings of front terminal batteries configured @ -48Vdc
- Pad-lockable door and durable powder coated aluminum construction allow for secure outdoor or indoor applications
- Multiple knockouts provide cable interface locations for flush installation or remote installation of enclosures
- Certified to GR-487 requirements, designed for high reliability and long operating life in extreme environments



Power
Enclosure



Battery
Enclosure

Alpha outdoor enclosures bring versatility and reliability to outdoor power systems for wireless market requirements. With a variety of thermal management options, the TE72-3030 single compartment power or battery enclosure is designed to be used in a wide variety of applications. A 30" x 30" base footprint allows it to be installed in any equipment lineup where there is a height restriction of 72".

Power

TE72-3030(S) 72" GR-487 Single Compartment Enclosure

Consult your Alpha representative for P/N configurations

ELECTRICAL

Voltage:..... 120/240Vac, 60Hz single phase

MECHANICAL

Dimensions:

mm:..... 1829H x 762W x 762D

inches: 72H x 30W x 30D

Weight (empty):..... 250kg (550lbs)

Construction: High strength corrosion resistant aluminum

Finish: Powder coat

Equipment space:..... 39RU (23" rack mount) in power enclosure
5 battery trays in battery enclosure

Cable entrance:..... Knockouts on sides and bottom

HARDWARE

Hinge type: 4 position lift off hinges

Handle: Padlockable

Door latch:..... 3 point latch

Battery trays (qty) Configurable based on application requirements

HVAC

Cooling: Power enclosure (4K BTU air conditioner with EVS or fan cooled)
Battery enclosure (fan cooled)

Heating: Power enclosure (500W heater integrated with air conditioner)
Battery enclosure (battery heater mats)

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: Removable rear panels and front hinged door provide full enclosure access

ENCLOSURE OPTIONS

AC distribution AC load center

TVSS: 120/240Vac surge arrestor

Mounting: Pad or platform mount

Consult factory for other options

SYSTEM SPECIFICATIONS (AS SHOWN)



➤ Power enclosure

- Cordex 2kW rectifiers
- Air conditioner with EVS
- AC load center
- 2 battery trays

➤ Battery enclosure

- 5 battery trays for GNB 155Ah or larger FT batteries

AGENCY COMPLIANCE

CSA/UL:..... C22.2 No. 60954

Telcordia:..... GR-487 compliance – contact factory for specific compliances

NEMA rating: Type 3R (CSA C22.2 No. 94-M91)


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