

# TE72-3030(D)

## 72" GR-487 Dual Compartment Enclosure



Your Power Solutions Partner

- Dual compartment power enclosure provides operational cost savings using a heat exchanger to cool equipment in the sealed upper compartment and ambient cooling for batteries in vented lower compartment
- 11RU in upper compartment provides room for rectifiers, distribution and customer equipment; 3 battery trays in lower compartment for 155Ah size or larger batteries
- Maximum power supported 28kW (N+1) @ -48Vdc
- Matching 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
- Certified to GR-487 requirements, this enclosure is designed for high reliability and long operating life in extreme environments

**Alpha outdoor enclosures bring versatility and reliability to outdoor power system enclosures.** The TE72-3030 outdoor power enclosure is a dual compartment enclosure for power and batteries; designed to provide 28kW @ 48Vdc power to outside plant Telecom equipment either as a upgrade or new site installations. Trust Alpha outdoor enclosures to provide the ultimate protection for network equipment.



## TE72-3030(D) 72" GR-487 Dual Compartment Enclosure

Consult your Alpha representative for P/N configurations

### ELECTRICAL

**Voltage:**..... 120/240Vac, 60Hz single phase  
**Output voltage:** .....48Vdc  
**Output power:** .....28kW (N+1) max  
**DC distribution:**.....72 breaker positions

### MECHANICAL

**Dimensions:**  
 mm:..... 1829H x 762W x 762D  
 inches: .....72H x 30W x 30D  
**Weight (empty):**.....295kg (650lbs)  
**Construction:** .....High strength corrosion resistant aluminum  
**Finish:** ..... Powder coat  
**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 (heat exchanger for upper compartment and forced ambient air for battery compartment)  
 Battery enclosure (fan cooled)  
**Heating:** ..... 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

**Mounting:** ..... Pad or platform mount  
 Consult factory for other options

### SYSTEM SPECIFICATIONS (AS SHOWN)



#### ➤ Power enclosure

- Cordex 2.4kW rectifiers
- Heat exchanger
- 3 battery trays

#### ➤ Battery enclosure

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

### AGENCY COMPLIANCE

**CSA:** ..... C22.2 No. 60950-01-03  
**UL:** ..... Std. No 60950-01  
**Telcordia:** ..... GR-487 compliance – contact factory for specific compliances  
**NEMA rating:** ..... Type 3R (CSA C22.2 No. 94-M91)


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