

Physical Specifications

Part Number: GEL TED1282
 Length: 259 ± 2 mm (10.2 inches)
 Width: 168 ± 2 mm (6.61 inches)
 Container height: 211 ± 2 mm (8.3 inches)
 Weight: ~ 24kg (52.91 lbs)
 Height: 213 ± 2 mm (8.4 inches)

Standard case material is flame retardant to (UL94) HBO.
 The TED Batteries range provide an extremely reliable and versatile valve regulated lead acid battery. Their unique construction and sealing techniques ensures that no electrolyte leakage can occur, and provides safe and effective operation in any orientation, and meets all requirements of the International Air Transport Association Dangerous Goods Regulations to allow transportation by air.



Specifications

Terminal Type: Standard M6/F6/T6/I2 or any suitable terminal (at customer request)

Design Floating Life 20°C (68°F): 11 Years

Maxim Discharge Current: 950A/5sec.

Internal Resistance: Approximative 5.3mΩ

Cycle Use: Initial Charging Current Less Than 20.0A • Voltage 14.4÷14.8 at 25°C (77°F) • Temperature Coefficient -30mV/°C
 Standby Use: No Limit on Initial Charging Current Voltage 13.5÷13.8V at 25°C (77°F) • Temperature Coefficient -20mV/°C
 Capacity Affected by Temperature 40°C (104°F) 103% 25°C (77°F) 100% 0°C (32°F) 86%

Self Discharge TED Batteries may be stored for up to 6 months at 25°C (77°F) and than refresh charge is required. For higher temperatures the time interval will be shorter.

Rated Capacity

83.0Ah/4.0A	20hr	1.80V/cell 25°C/77°F
81.3Ah/7.9A	10hr	1.80V/cell 25°C/77°F
68.2Ah/13.4A	5hr	1.75V/cell 25°C/77°F
61.9Ah/20.3A	3hr	1.75V/cell 25°C/77°F
48.3Ah/48.3A	1hr	1.60V/cell 25°C/77°F

Discharge Characteristics

Operating Temperature Range
Charge: 0°C÷40°C (5°F÷104°F)
Storage: -15°C÷40°C (5°F÷104°F)
Nominal: 25°C±3°C (77°F±5°F)
Discharge: -15°C÷50°C (5°F÷122°F)

Terminal Type:

Standard M6 (F6/T6/I2)



