

CTB31RGEL Top Terminal Pure GEL Battery

CTB Series | 12V | 100 AH | Group 31



Myers has partnered with a leading supplier to offer to the cable industry a line of top terminal advanced gel batteries specifically designed for the rigorous cable/broadband power operating environment. The benefits of advanced gel technologies plus the 5 year full replacement warranty make this the right choice for today's cable/broadband networks.

FEATURES

- ◆ Maintenance-free Gel Battery
- ◆ Designed for Demanding Outdoor Environments
- ◆ Carry Handles are Standard
- ◆ A Recognized Component of U.L.
- ◆ Advanced Lead-Tin-Calcium Alloy; Reduces Grid Corrosion & Promotes Long Battery Life
- ◆ Shock Absorbent Thick Wall Construction
- ◆ Low Maintenance ¼ Inch x 20 Copper Insert is Standard
- ◆ No Transport Restrictions
 - Surface: Classified as Non-hazardous material per DOT-CFR Title 49, parts 171-189
 - Marine: Classified as Non-hazardous material per IMDG Amendment 27
 - Air: Complies with IATA/ICAO, Special Provision A67



SPECIFICATIONS

C BATTERY GEL 12V 100AH TOP TERM ¼"X20 INSERT – GROUP 31

ELECTRICAL

DESCRIPTION	Battery GEL 12V 100AH Top Term ¼"x20 Insert – Group 31
CELLS/VOLTS	6 cells / 12 Volts DC
TERMINAL TYPE	Threaded Copper Insert, ¼ inch x 20 Thread
CAPACITY @ 25 DEGREES C (77F):	104 AH (20 hr rate) to 1.80 Volts per cell 100 AH (10 hr rate) to 1.80 Volts per cell 86 AH (5 hr rate) to 1.75 Volts per cell
CHARGING VOLTAGE:	When fully charged, 6 months at 25C (77F)
TEMPERATURE COMPENSATION:	Applicable over the temperature range 0C to 40C (32F to 104F): Subtract 3mV/°C/cell (1.7mV/°F/cell) above 25C (77F) Add 3mV/°C/cell (1.7mV/°F/cell) below 25C (77F)
STORAGE TIME:	When fully charged, 6 months at 25C (77F)
SELF DISCHARGE RATE	Less than 2% per month at 25C (77F)
OPERATING TEMPERATURE DISCHARGE RANGE:	-40 to +70 degrees C

MECHANICAL

DIMENSIONS (LENGTH, WIDTH, HEIGHT):	330 x 173 x 220 mm (13 x 6.8 x 8.66 inches)
WEIGHT:	31 kgs (67 lbs)

Hourly Discharge Rate in Amps to 1.75 VPC at 25°C (77°F)

BATTERY	DISCHARGE IN:	1 HR	2 HR	3 HR	4 HR	5 HR	8 HR	10 HR	20 HR
CTB31RGEL	Amps	56.9	34.3	25.0	19.9	16.8	11.4	9.4	5.0