

## 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

<b>DESCRIPTION</b>	Battery GEL 12V 100AH Top Term ¼"x20 Insert – Group 31
<b>CELLS/VOLTS</b>	6 cells / 12 Volts DC
<b>TERMINAL TYPE</b>	Threaded Copper Insert, ¼ inch x 20 Thread
<b>CAPACITY @ 25 DEGREES C (77F):</b>	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
<b>CHARGING VOLTAGE:</b>	When fully charged, 6 months at 25C (77F)
<b>TEMPERATURE COMPENSATION:</b>	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)
<b>STORAGE TIME:</b>	When fully charged, 6 months at 25C (77F)
<b>SELF DISCHARGE RATE</b>	Less than 2% per month at 25C (77F )
<b>OPERATING TEMPERATURE DISCHARGE RANGE:</b>	-40 to +70 degrees C

### MECHANICAL

<b>DIMENSIONS (LENGTH, WIDTH, HEIGHT):</b>	330 x 173 x 220 mm (13 x 6.8 x 8.66 inches)
<b>WEIGHT:</b>	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

