



**CTB24GEL CTB27GEL
CTB31GEL
Top Terminal
Advanced GEL Battery**

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 the advanced gel technologies plus the 5 year full replacement warranty make this the right choice for today's cable/broadband networks.



Advanced GEL Technology

**Long duration batteries
designed for maximum life**

**Covered by full replacement
5 year warranty!**

FEATURES

- Advanced GEL technology reduces acid stratification improving cycle life
- Designed for demanding outdoor environments
- Carry handle is standard
- A recognized component of U.L.
- Never needs water, minimal maintenance
- Advanced lead-tin-calcium alloy, reduces grid corrosion and promotes long battery life.
- Shock absorbent thick wall construction
- No transport restrictions
 - **Surface:** Classified as non-hazardous material per DOT-CFR Title 49, parts 171-189
 - **Marine:** Classified as non-hazardous material as per IMDG amendment 27
 - **Air:** Complies with IATA/ICAO, Special Provision A67

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Models	
Myers Model #	Description
CTB24GEL	Battery GEL 12V 76AH Top Term ¼" Stainless Steel Stud – Group 24
CTB27GEL	Battery GEL 12V 90AH Top Term ¼" Stainless Steel Stud – Group 27
CTB31GEL	Battery GEL 12V 110AH Top Term ¼" Stainless Steel Stud – Group 31
CTB27GELC	Battery GEL 12V 90AH Top Term ¼" Copper Insert – Group 27
CTB31GELC	Battery GEL 12V 110AH Top Term ¼" Copper Insert – Group 31

Specifications* – for all batteries unless otherwise noted		
Electrical		
Cells / Volts:	6 cells / 12 Volts DC	
Terminal type:	CTB24GEL CTB27GEL CTB31GEL	Threaded Stainless Steel Stud, ¼ inch
	CTB27GELC CTB31GELC	Threaded Copper Insert, ¼ inch
Capacity @ 25 degrees C (77F):	CTB24GEL	76 AH (20 hr rate) to 1.75 Volts per cell
	CTB27GEL CTB27GELC	90 AH (20 hr rate) to 1.75 Volts per cell
	CTB31GEL CTB31GELC	110 AH (20 hr rate) to 1.75 Volts per cell
Charging voltage:	2.27 to 2.3 Volts per cell	
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 (Height, Width, Depth):	CTB24GEL	239 x 168 x 277mm (9.4 x 6.6 x 10.9 inches)
	CTB27GEL/C	244 x 173 x 323 mm (9.6 x 6.8 x 12.7 inches)
	CTB31GEL/C	234 x 173 x 343 mm (9.2 x 6.8 x 13.5 inches)
Weight:	CTB27GEL/C	31 kgs (68 lbs)
	CTB31GEL/C	36 kgs (78 lbs)

Hourly Discharge Rates in Amps to 1.75 VPC at 25 degrees C (77F)											
Battery	Discharge Hours	1	2	3	4	5	6	7	8	9	10
CTB24GEL	Amps	47.6	27.7	20.1	15.8	13.0	11.1	8.58	7.0	5.98	3.22
CTB27GEL/C	Amps	55.4	32.2	23.4	18.4	15.1	12.9	11.3	10.0	9.0	8.1
CTB31GEL/C	Amps	64.7	37.6	27.4	21.4	17.7	15.0	13.1	11.6	10.5	9.5

*Note: Specifications subject to change

“Power Products by Power Professionals”



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