



**Front Terminal
Battery
Deep Cycle/UPS
12Volt 100AH
BAT-CG12105B**

Myers has partnered with a leading supplier to offer a front terminal AGM VRLA battery specifically designed for the deep discharge cycles experienced with UPS's.



**For deep cycle
UPS applications**

**Long duration
batteries designed
for maximum life**

FEATURES

- **Maintenance-Free AGM VRLA Battery**
- **Front terminal connections make servicing easy**
- **Carry handles and hardware are standard**
- **Low maintenance ¼ inch x 20 insert/terminals are standard**
- **Advanced lead-tin-calcium alloy, reduces grid corrosion and promotes long battery life.**
- **Suitable for a wide range of applications**
- **No transport restrictions**
 - **Classified as non-hazardous material per DOT-CFR Title 49, parts 171-189**

NOTE: These batteries may be stored up to 6 months at 25C (77F) and then a freshening charge is required. For higher temperatures, the time interval will be shorter.

Models

Myers Model #	Description
BAT-CG12105B	Battery AGM 12V 100AH Front Top Terminal 1/4"x20 Insert

Specifications* – for all batteries unless otherwise noted

Electrical

Cells / Volts:	6 cells / 12 Volts DC
Terminal type:	Threaded Insert, 1/4 inch x 20 Thread
Capacity @ 25 degrees C (77F):	113.2 AH (20 hr rate) to 1.80 Volts per cell 100 AH (8 hr rate) to 1.75 Volts per cell
Charging voltage:	2.25 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:	-15 to +50 degrees C (+5 to +120F)

Mechanical

Dimensions (Length, Width, Height):	BAT-CG12105B	508 x 110 x 238mm (20.0 x 4.33 x 9.39 inches)
Weight:	BAT-CG12105B	35.6 kgs (78 lbs)

*Note: Specifications subject to change

BAT-CG12105B Discharge Rates at 25 degrees C (77F)

Time	10min	15min	20min	30min	45min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	20hr
Final Volt/Cell	1.30	1.30	1.30	1.60	1.60	1.67	1.70	1.75	1.75	1.75	1.75	1.80	1.80	1.80
Amps	262.7	209.9	157.6	120.7	84.0	63.0	36.8	27.3	21.0	18.1	16.0	12.5	10.5	5.66
Watts	493.8	397.8	308.9	228.0	167.1	124.8	73.1	54.5	41.9	36.0	31.9	25.0	21.0	11.4

“Power Products by Power Professionals”

