

# AGM 225AH DEEP CYCLE BATTERY

## CATEGORY:

AGM BATTERIES

## MODEL TYPE:

GP-AGM-225-6V

## IDEAL FOR:

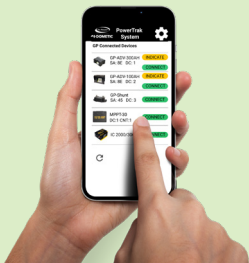


## 2 YEAR WARRANTY

## SYSTEM CONTROL AT YOUR FINGERTIPS

Unlock the full potential of your power system with the Go Power! Connect app!

Get real-time insights into your solar charging stats, battery levels, and power consumption on your mobile device when you use the Go Power! smart shunt (sold separately) with your AGM battery. Monitor performance, and set inverter and charging parameters. Available on the iOS and Android app store.



## GP-AGM-225-6V

6 Volt Sun Cycle AGM battery designed for solar and inverter use. Specifically designed for solar, the AGM deep-cycle batteries offer maintenance free, sealed construction, ideal for upgrading lead-acid battery banks.

## KEY FEATURES



**AGM DEEP CYCLE  
BATTERY**



**IDEAL FOR SOLAR  
APPLICATIONS**



**MAINTENANCE FREE /  
SEALED CONSTRUCTION**



**ABS CASE AND COVER**



**100% RECYCABLE**



**SPILL PROOF / LEAK  
PROOF (VRLA)**



P: +1 866 247 6527  
E: sales@gopowersolar.com  
W: gopowersolar.com

201 - 710 Redbrick St, Victoria, British  
Columbia, Canada, V8T 5J3

© 2026, Go Power! US and International patents apply. "Go Power!" and the Go Power! logo are registered trademarks

## SPECIFICATIONS

|                               |                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology                    | AGM, VRLA deep cycle battery                                                                                                                                                                             |
| Nominal Voltage               | 6 V                                                                                                                                                                                                      |
| Nominal Capacity              | 225 Ah                                                                                                                                                                                                   |
| Rated Capacity (25°C)         | 225Ah@20hr-rate to 1.75V per cell @ 77°F (25°C)                                                                                                                                                          |
| Nominal Operating Temperature | 77 ±5 °F (25 ±5 °C)                                                                                                                                                                                      |
| Operating Temperature Range   | Discharge, Storage: -4~140°F (-20~60°C)<br>Charge: 32~122°F (0~50°C)                                                                                                                                     |
| Reference Capacity            | C3 168.8Ah<br>C5 191.3Ah<br>C10 214.3Ah<br>C20 225.0Ah                                                                                                                                                   |
| Maximum Discharge Current     | 2250A (5 sec)                                                                                                                                                                                            |
| Maximum Charging Current      | 67.5A                                                                                                                                                                                                    |
| Internal Resistance           | ≤1.9 mΩ (Full Charge Condition @ 77°F (25°C))                                                                                                                                                            |
| Terminals                     | F14 (M8)                                                                                                                                                                                                 |
| Cycle Use Voltage             | Initial Charging Current less than 30.0 A<br>Voltage: 7.3 V~7.4 V at 77°F (25°C)<br>Temperature Compensation: -3mV/°C/Cell                                                                               |
| Float Charging Voltage        | 6.80 V~6.90V @ 77°F (25°C)<br>Temperature Compensation: -4mV/°C/Cell                                                                                                                                     |
| Cold Cranking Amps (CCA)      | 1035                                                                                                                                                                                                     |
| Self Discharge                | Batteries can be stored for up to 6 months at 77°F (25°C) before a freshening charge is required.<br>Monthly Self-discharge ratio is less than 3% at 77°F (25°C). Please charged batteries before using. |
| Cycle Life<br>77°F (25°C)     | 100% Depth of Discharge ~ 350 cycles<br>50% Depth of Discharge ~ 650 cycles<br>30% Depth of Discharge ~ 1650 cycles                                                                                      |

## MATERIALS

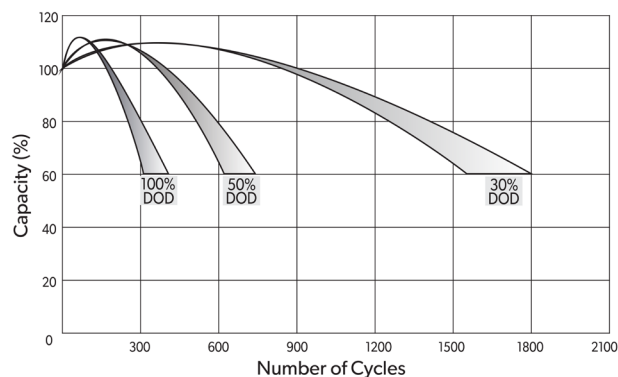
|                |                           |
|----------------|---------------------------|
| Case and Cover | ABS                       |
| Separator      | Absorbent Glass Mat (AGM) |
| Active         | PbO <sub>2</sub> + Pb     |
| Electrolyte    | Diluted Sulfuric Acid     |

## MECHANICAL

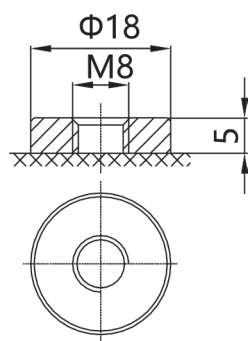
|              |                  |
|--------------|------------------|
| Length       | 9.57 in / 243 mm |
| Width        | 7.36 in / 187 mm |
| Height       | 10.8 in / 275 mm |
| Total Height | 10.8 in / 275 mm |
| BCI Group #  | GC2              |
| Weight       | 70.5 lbs / 32 kg |

## DEEP CYCLE AGM BATTERY

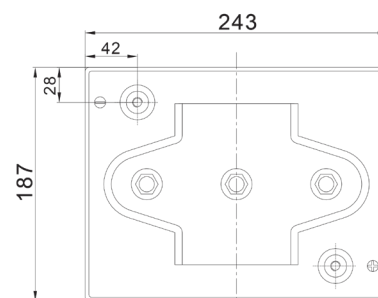
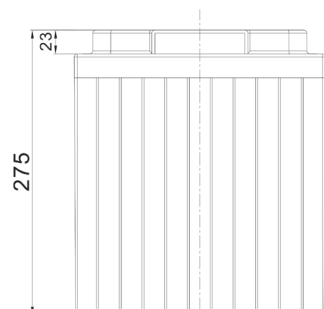
Cycle Life in Relation to Depth of Discharge  
77°F (25°C)



## TERMINAL DIMENSIONS



F14 Terminal



Specifications subject to local environmental conditions.  
Specifications may be subject to change.



P: +1 866 247 6527  
E: sales@gopowersolar.com  
W: gopowersolar.com

201 - 710 Redbrick St, Victoria, British  
Columbia, Canada, V8T 5J3

© 2026, Go Power! US and International patents apply. "Go Power!"  
and the Go Power! logo are registered trademarks