

# Go Power!®

# GP-AGM-224-6V



## DEEP CYCLE AGM SOLAR BATTERY



### Features:

- 6 volt AGM deep cycle battery
- Ideal for solar applications and inverter systems
- Maintenance-free, sealed construction
- Spill proof / leak proof (VRLA)
- ABS case and cover
- UL recognized
- 100% recyclable
- **2-year warranty**

### MATERIALS

|                |                                  |
|----------------|----------------------------------|
| Case and Cover | ABS                              |
| Separator      | Absorbent Glass Mat (AGM)        |
| Active         | PbO <sub>2</sub> + Pb            |
| Electrolyte    | Diluted Sulfuric Acid            |
| Venting Valve  | Rubber, opening pressure 8-20kPa |

### MECHANICAL

|                                    |                     |
|------------------------------------|---------------------|
| Length                             | 10.24 in / 260 mm   |
| Width                              | 7.09 in / 180 mm    |
| Height                             | 9.72 in / 247 mm    |
| Total Height (including terminals) | 9.96 in / 253 mm    |
| BCI Group #                        | 27                  |
| Weight                             | 67.25 lbs / 30.5 kg |
| Carrying                           | Nylon Strap         |

### SPECIFICATIONS

|  |   |
|--|---|
| Technology                                     | AGM, VRLA deep cycle battery  |
| Nominal Voltage                                | 6 V   |
| Nominal Capacity                               | 224 Ah  |
| Rated Capacity (25°C)                          | 224 Ah/11.2A (20hr, 5.25V/cell)<br>194 Ah/19.4A (10hr, 5.25V/cell)<br>179 Ah/35.9A (5hr, 5.1V/cell)   |
| Nominal Operating Temperature                  | 77 ±5 °F (25 ±3 °C)   |
| Operating Temperature Range                    | Discharge, Storage: -4~140°F (-20~60°C)<br>Charge: -4~122°F (-20~50°C)  |
| Capacity Correction for Temperature Variations | 104°F (40°C) 103%<br>77°F (25°C) 100%<br>32°F (0°C) 85%   |
| Maximum Discharge Current                      | 2000 A (5s)   |
| Internal Resistance                            | Approx. 1.4mΩ   |
| Terminals                                      | T11<br>Brass Insert   |
| Cycle Use                                      | Initial Charging Current less than 30.0 A<br>Voltage: 7.2 V~7.4 V at 77°F (25°C)  |
| Standby Use                                    | No limit on Initial Charging Current<br>Voltage: 6.8 V~6.9 V at 77°F (25°C)   |
| Certifications                                 | UL; CE; IEC60896-21 & 22  |
| Self Discharge                                 | Batteries can be stored for up to 6 months before a freshening charge is required.<br><i>*Batteries stored at temperatures greater than 77°F (25°C) will require a recharge sooner.</i> |
| Cycle Life<br>77°F (25°C)                      | 100% Depth of Discharge ~ 250 cycles<br>50% Depth of Discharge ~ 1100 cycles<br>30% Depth of Discharge ~ 2250 cycles  |

Specifications may be subject to change. Product may not be exactly as shown.  
Specifications subject to local environmental conditions.

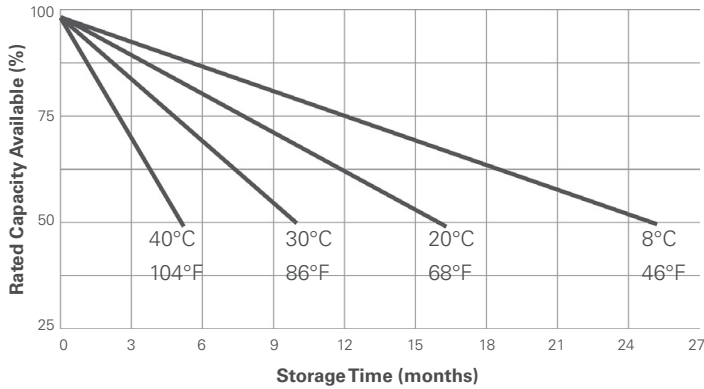


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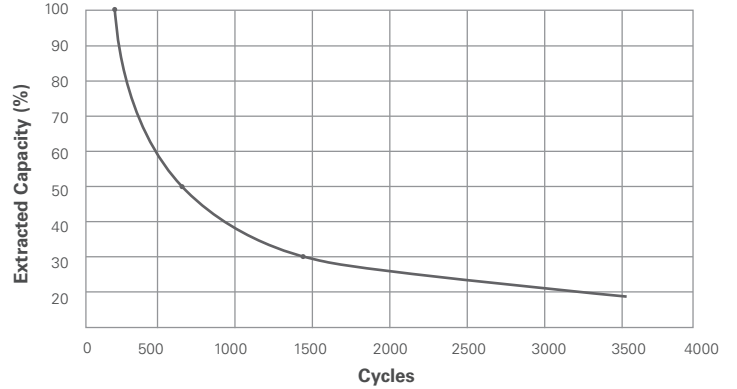


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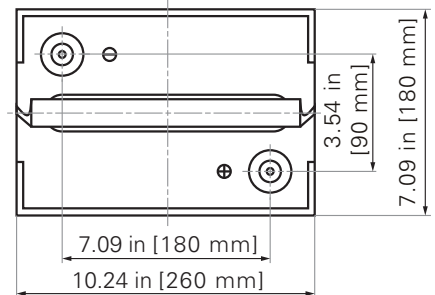
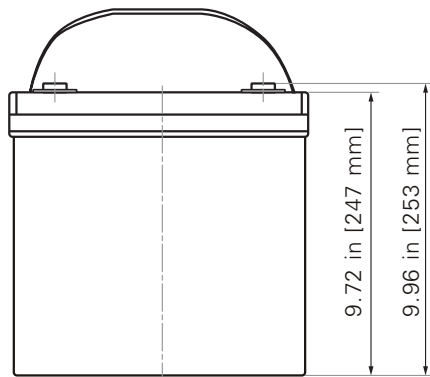
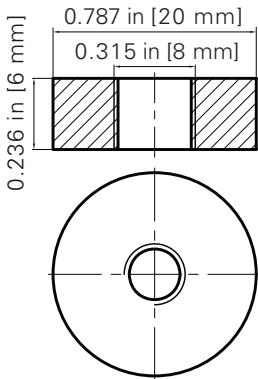
**Battery Self-Discharge Over Temperature**



**Battery Cycle Life**  
77°F (25°C)



### TERMINAL DIMENSIONS



Specifications subject to local environmental conditions.  
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UL Recognized Component  
 MH29024



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