



# GP-AGM-224-6V

DEEP CYCLE 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**



## 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) 194 Ah/19.4A (10hr, 5.25V/cell) 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) Charge: -4~122°F (-20~50°C)
Capacity Correction for Temperature Variations	104°F (40°C) 102% 77°F (25°C) 100% 32°F (0°C) 85%
Maximum Discharge Current	2000 A (5s)
Internal Resistance	Approx. 1.4mΩ
Terminals	T11 Brass Insert
Cycle Use	Initial Charging Current less than 30.0 A Voltage: 7.2V~7.4V at 77°F (25°C)
Standby Use	No limit on Initial Charging Current Voltage: 6.8V~6.9V 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. <i>*Batteries stored at temperatures greater than 77°F (25°C) will require a recharge sooner.</i>
Cycle Life 77°F (25°C)	100% Depth of Discharge ~ 300 cycles 50% Depth of Discharge ~ 700 cycles 30% Depth of Discharge ~ 1575 cycles

## 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

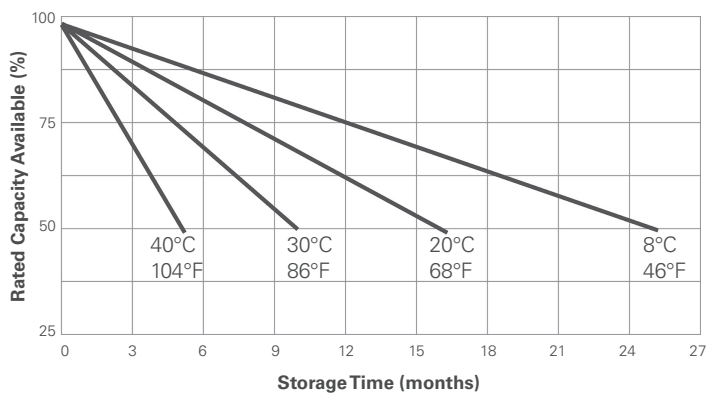
## REPRESENTED IN YOUR REGION BY:



# GP-AGM-224-6V

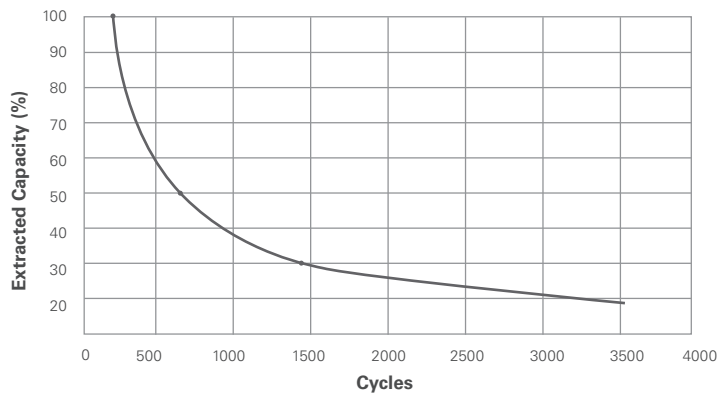
DEEP CYCLE SOLAR BATTERY

**Battery Self-Discharge Over Temperature**

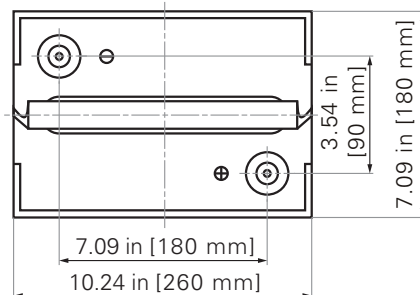
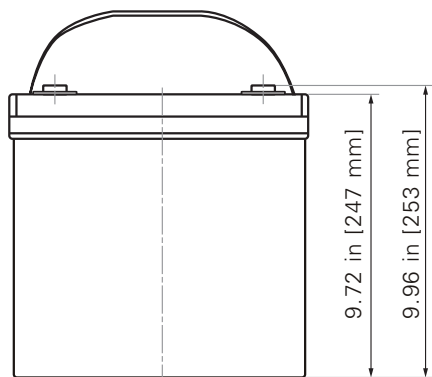
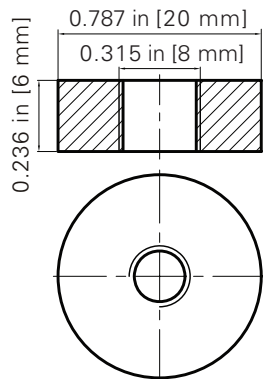


**Battery Cycle Life**

77°F (25°C)



**TERMINAL DIMENSIONS**



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



UL Recognized Component  
 MH29024



© 2017, Go Power! US and International patents apply. "Go Power!" and the Go Power! logo are registered trademarks

Document: SPEC\_GP-AGM-224-6V\_RevA