

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 ₂ + 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)
	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) 103%
	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: 7.2 V~7.4 V at 77°F (25°C)
Standby Use	No limit on Initial Charging Current 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. <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 ~ 250 cycles
	50% Depth of Discharge ~ 1100 cycles
	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.

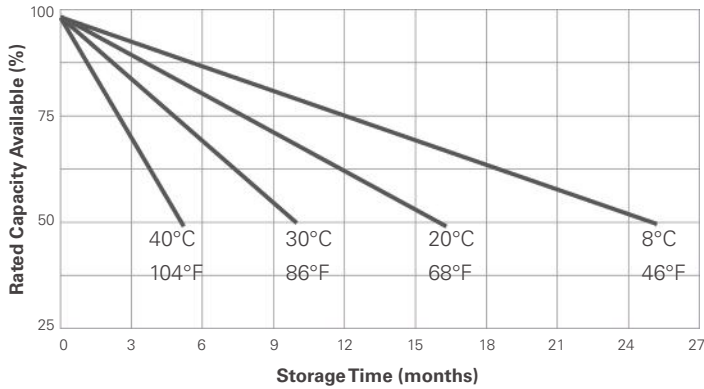


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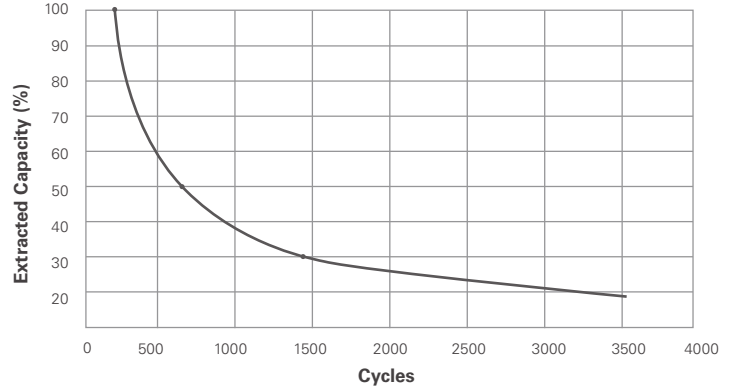


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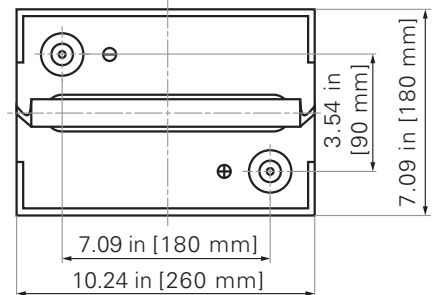
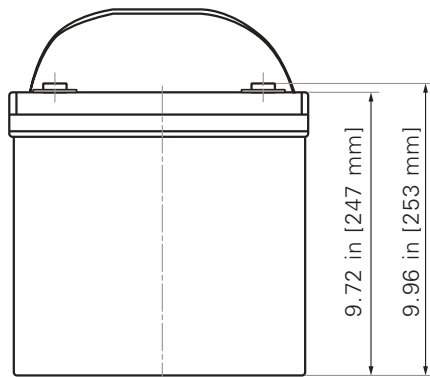
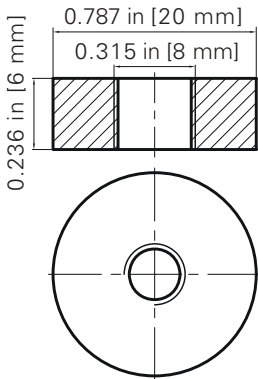
Battery Self-Discharge Over Temperature



Battery Cycle Life
77°F (25°C)



TERMINAL DIMENSIONS



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UL Recognized Component
 MH29024



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