

AGM 100AH DEEP CYCLE BATTERY

CATEGORY:

AGM BATTERIES

MODEL TYPE:

GP-AGM-100

IDEAL FOR:



GP-AGM-100

12 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 and integrated carrying handles. Ideal for upgrading lead-acid battery banks.



2 YEAR PRORATED WARRANTY

SYSTEM CONTROL AT YOUR FINGERTIPS

Unlock the full potential of your RV's 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. Monitor performance, and set inverter and charging parameters. Available on the iOS and Android app store.



KEY FEATURES



AGM DEEP CYCLE BATTERY



ABS CASE AND COVER



IDEAL FOR SOLAR APPLICATIONS



UL RECOGNIZED



MAINTENANCE FREE / SEALED CONSTRUCTION



100% RECYCABLE



SPILL PROOF / LEAK PROOF (VRLA)



INTEGRATED CARRYING HANDLES



® UL Recognized Component
MH29024



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SPECIFICATIONS

Technology	AGM, VRLA deep cycle battery
Nominal Voltage	12 V
Nominal Capacity	110 Ah
Rated Capacity	110.0 Ah/1.10A (100hr,1.80V/cell) 100.0 Ah/5.00A (20hr,1.80V/cell) 95.2 Ah/9.52A (10hr,1.80V/cell) 83.0 Ah/16.6A (5hr,1.75V/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) 86%
Maximum Discharge Current	1200 A (5s)
Internal Resistance	Approx. 4.9mΩ
Terminals	T14 Torque: 11 ~ 14.7 Nm (97.28 - 130 in*lbs)
Cycle Use	Initial Charging Current less than 30.0 A Voltage: 14.4 V~15.0 V at 77°F (25°C) Temp. Coefficient -30mV/°C
Cold Cranking Amps (CCA)	620
Standby Use	No limit on Initial Charging Current Voltage: 13.5 V~13.8 V at 77°F (25°C) Temp. Coefficient -20mV/°C
Certifications	UL; CE; IEC60896-21 & 22
Self Discharge	Batteries can be stored for up to 6 months before a freshening charge is required. *Batteries stored at temperatures greater than 77°F (25°C) will require a recharge sooner.
Cycle Life 77°F (25°C)	100% Depth of Discharge ~ 250 cycles 50% Depth of Discharge ~ 1100 cycles 30% Depth of Discharge ~ 2250 cycles

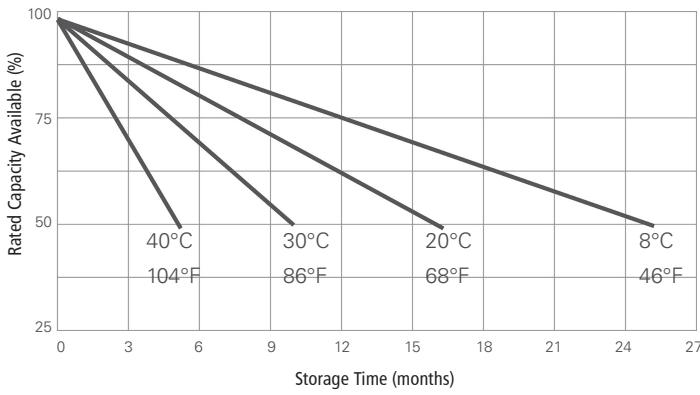
MATERIALS

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

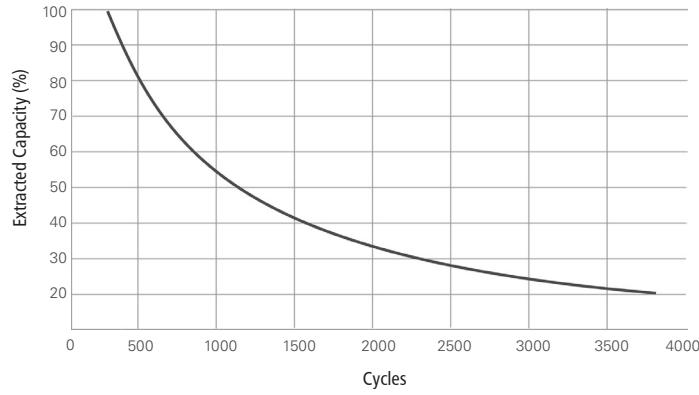
MECHANICAL

Length	12.01 in / 305mm
Width	6.61 in / 168 mm
Height	8.15 in / 207 mm
Total Height (including terminals)	9.02 in / 229 mm
BCI Group #	31
Weight	67.5 lbs / 30.6 kg
Carrying	Integrated flush mount handles

Battery Self-Discharge Over Temperature



Battery Cycle Life 77°F (25°C)



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