

AGM 100AH DEEP CYCLE BATTERY

CATEGORY:

AGM BATTERIES

MODEL TYPE:

GP-AGM-100

IDEAL FOR:



2 YEAR 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 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-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.

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



RECYCLE



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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 77oF (25oC)	100% Depth of Discharge ~ 250 cycles 50% Depth of Discharge ~ 1100 cycles 30% Depth of Discharge ~ 2250 cycles

MATERIALS

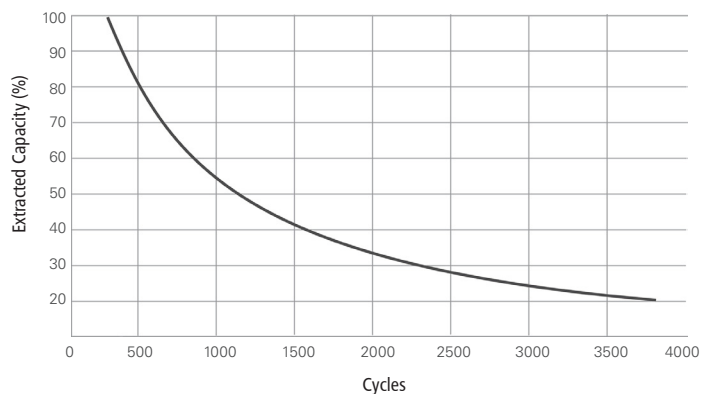
Case and Cover	ABS
Separator	Absorbent Glass Mat (AGM)
Active	PbO ₂ + Pb
Electrolyte	Diluted Sulfuric Acid
Venting Valve	Rubber, opening pressure 8-20kPa

MECHANICAL

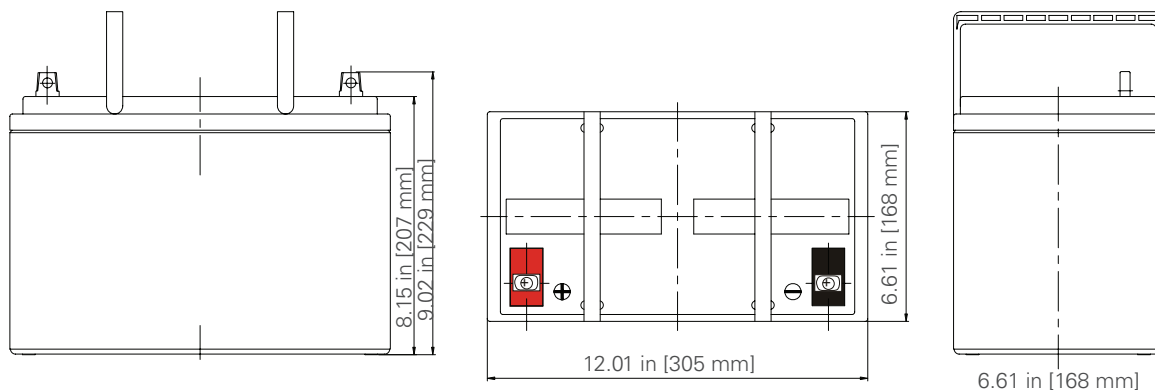
Length	12.01 in / 305mm
Width	6.61 in / 168 mm
Height	8.15 in / 207 mm
Total Height (including terminals)	9.02 in / 229 mm
BCI Group #	31
Weight	67.5 lbs / 30.6 kg
Carrying	Integrated flush mount handles

DEEP CYCLE AGM BATTERY

Battery Cycle Life 77°F (25°C)



TERMINAL DIMENSIONS



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