



100AH 12V LITHIUM BATTERY



EFFICIENT HIGH-PERFORMANCE SOLAR POWER STORAGE



Intertek
5019996

Model #: GP-LiFePO4-100

FEATURES:

- Can be used with lithium compatible Go Power! solar, inverters and charge controllers
- Max Power Capacity; carries almost double the power of regular batteries
- Lightweight
- ETL Certified
- Quick charging
- IP68 waterproof (should not be submerged)
- Internal Battery Management System (BMS) protects against:
 - Over and under voltage
 - Over and under temperature
 - Charge and discharge over current
 - Short circuit
- Drop-in replacement for Group 31 Lead Acid or AGM batteries
- 10-year warranty

SPECIFICATIONS

Technology	Lithium Iron Phosphate
Nominal Voltage	12.8 V
Rated Capacity ¹	100Ah
Absorption Voltage	14.2 to 14.4 V
Float Voltage	14.0 to 14.2 V
Equalize Voltage (if applicable)	14.2 to 14.4 V (same as absorption)
Absorption Time	60 to 120 minutes
Temperature Compensation	No
Charge Cut-off Voltage	14.6 V
Discharge Cut-off Voltage	8.4 V
Recommended Charge Current	50A
Maximum Charge Current	100A
Maximum Discharge Current	100A (continuous) 120A (30 minutes) 200A (5 seconds)
BMS Protection	High/low voltage Short circuit High/low temperature Cold charging
Internal Resistance	≤ 7.5 mΩ
BMS Leakage Current	≤ 3mA
Operating Temperature	Charge: 32°F (0°C) to 131°F (55°C) Discharge: -4°F (-20°C) to 131°F (55°C)
Storage Temperature	1 Week: -4°F (-20°C) to 122°F (50°C) 1 month: -4°F (-20°C) to 113°F (45°C) 6 months ² : -4°F (-20°C) to 104°F (40°C)
Humidity	Operating: 5% to 90 % RH Storage: 45% to 85% RH
Certifications	UN 38.3; CE; UL 2054
Cycle Life ³	3000-5000 cycles
Product Warranty	10-year (Prorated)

¹ Rated Capacity tested at 77°F (25 ± 5 °C)

² Maximum storage time before recharging is 6 months

³ Cycle Life tested at 77°F (25°C)

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

**ONLY SUITABLE FOR 12-VOLT
APPLICATIONS.**

DO NOT WIRE IN SERIES.