

**Go Power!**<sup>®</sup>

# 100AH 12V LITHIUM BATTERY



EFFICIENT HIGH-PERFORMANCE SOLAR POWER STORAGE



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
- Quick charging
- Over and under voltage protection
- Over and under temperature protection
- Charge and discharge over current protection
- Short circuit protection
- Drop-in replacement for Group 31 Lead Acid or AGM batteries
- **10-year warranty**

**Only suitable for 12-volt applications.**

**DO NOT WIRE IN SERIES.**

## SPECIFICATIONS

Technology	Lithium Iron Phosphate
Nominal Voltage	12.8 V
Nominal Capacity	100 Ah
Nominal Operating Temperature	77 ±5 °F (25 ±3 °C)
Maximum Charge Voltage	14.6 VAC
Maximum Discharge Current	100A (continuous); 120A (30 minutes); 150A (5 seconds)
Over-charge Protection Voltage	14.6V
Over-charge Protection Voltage of a single cell	2.1V
Maximum Temperature Protect Charge	32°F (0°C) to 131°F (55°C)
Maximum Discharge Temperature Range	-4°F (-20°C) to 131°F (55°C)
BMS Leakage Current	≤3mA
Certifications	UN 38.3; CE
Cycle Life	90% Depth of Discharge ~ 3000 cycles

## MECHANICAL

Length	12.9 in / 328 mm
Width	6.5 in / 165 mm
Height	9.2 in / 233.7 mm
BCI Group #	31
Weight	36 lbs / 16.33 kg
Carrying	Nylon Strap

## MATERIALS

Case and Cover	ABS
Active	LiFePO4
Venting Valve	Rubber, opening pressure 8-20kPa

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



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## Unit Dimensions



### PLEASE NOTE

Lithium batteries ship under Class 9 Dangerous Goods PI 965 Section IA, which requires special carrier instructions. Please contact your carrier company to determine their requirements for shipping.

MSDS Sheets are available upon request.