

# BATTERY-12.8/100AH-LP-B

## 100AH-12.8V LifePo4 Solar Battery



## Technical Specification

Technical Data	BATTERY-12.8/100AH-LP-B
Nominal Voltage	12.8V
Nominal Capacity	100Ah@0.2C
Energy	1280Wh
Internal Resistance	≤50mΩ
Cycle Life	6000 Cycles @ 0.2C Charging/Discharging ,Until 70% Capacity
Self Discharge	≤3.5% per month at 25°C
Max.Charging Voltage	14.0~14.6V
Charging Mode	0°C~45°C temperature
Charging Current	50A
Max.Charging Current	50A
Discharging Current	100A
Max. Continuous Current	100A
Max.Pulse Current	200A(<3S)
Discharging Cut-off Voltage	10.0
Charge Temperature	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity
Discharge Temperature	-20°C to 60°C(-4°F to 140°F) @60±25% Relative Humidity
Storage Temperature	0°C to 45°C(32°F to 113°F) @60±25% Relative Humidity
Water Dust Resistance	IP55
Casing	50160118-102Ah 4S1P
Structure Cell & Format	Plastic
Dimension(L*W*H*TH)	333*176*221mm
Package Dimension	398*243*295mm
Weight Approx.	11Kg
Terminal	M8