



# 12.8V 100AH LITHIUM BATTERY



## ► Features

- A grade brand new prismatic LiFePO4 cells
- $\geq 5000$  cycles @80% DOD(25°C, 0.5C )
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Easy installation and maintenance free
- LCD display screen to monitor cell SOC, voltage, temperature and alarm status
- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS, IEC62133
- Max.4 battery packs can be connected in series

## ► Electrical Characteristics

Model	LFP100EP12.8
Battery Type	LiFePO4
Nominal Voltage (V)	12.8
Nominal Capacity (AH)	100
Energy (WH)	1280
Pack Mode	4S1P
Continuous Discharge Current (A)	50
Charge Cut-off Voltage (V)	14.4
Discharge Cut-off Voltage (V)	10.4
Max.Charge Current (A)	50
Max.Discharge Current (A)	100
Peak Discharge Current (A)	120@10S
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	$\geq 5000$ cycles (25°C, 0.5C ) 80% DOD
Communication	—
Display	LCD
Charge&Discharge Temperature (°C)	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (°C)	5°C ~ +35°C
Recommend Storage Humidity	20%~80%
Terminal	M8
Dimensions (L*W*H) (mm)	260*180*166
Weight (Kg)	12±0.5
Transportation	UN38.3, MSDS, IEC62133
IP Class	IP20