51.2V 100Ah Lithium Battery



Features

- A grade brand new prismatic LiFePO4 cells
- > 6000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- LCD display screen to monitor cell SOC, voltage, temperature and alarm status
- Max 32 battery packs can be connected in parallel
- Metal Case, excellent heat dissipation, more safety
- Compatible with protocols of major inverter manufacturers
- Certificate: UN38.3, MSDS IEC62619 ROHS CE

Electrical Characteristics

Model	LW51100A
Electrical Parameter	
Battery Type	LiFePO4
Nominal Voltage (V)	51.2
Nominal Capacity (AH)	100
Energy (WH)	5120
Pack Mode	16S1P
Charge Cut-off Voltage (V)	57.6
Discharge Cut-off Voltage (V)	41.6
Max.Charge Current (A)	100
Max.Discharge Current (A)	100
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	> 6000 cycles (25°C, 0.5C) 80% DOD)
Function	Optional: Bluetooth/Wi-Fi/Heating/gasoloid/Breaker
Communication	RS485 CAN
Display	LCD
Mounting	Wall-mounted & Top wiring
Environmental Parameter	
Charge&Discharge Temperature (°C)	Charge: 0°C~50°C / Discharge: -20°C~50°C
Optimal Storage Temperature (°C)	5°C~35°C
Relative Humidity	40%~80%
Ingress Protection	IP21
Mechanical Parameter	
Terminal	M8
Dimensions (W×H×D) (mm)	490×520×149(Not including bracket)
Weight (kg)	45.8±0.5
Certificate	UN38.3 MSDS IEC62619 ROHS CE