

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
- LED/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		LW51100E	
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/WIFI/Heating/gasoloid/Breaker			
Communication	RS485 CAN			
Display	LCD	LED		
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/IP54/IP65			
Mechanical Parameter				
Terminal	M8/quick-connect			
Dimensions (W*H*D) (mm)	490*520*149(Not including bracket)			
Weight (Kg)	--	--		
Certificate	UN38.3 MSDS IEC62619 ROHS CE			