

51.2V 205Ah 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
- Fire Protection:gasoloid
- Compatible with protocols of major inverter manufacturers
- Certificate: UN38.3, MSDS IEC62619 ROHS CE

► Electrical Characteristics

Model	LR51205A	LR51205E	LR51205B
Electrical Parameter			
Battery Type	LiFePO4		
Nominal Voltage (V)	51.2		
Nominal Capacity (AH)	205		
Energy (WH)	10496		
Pack Mode	16S1P		
Charge Cut-off Voltage (V)	57.6		
Discharge Cut-off Voltage (V)	41.6		
Max.Charge Current (A)	200		
Max.Discharge Current (A)	200		
Recommend Discharge Current (A)	100		
Recommend Discharge Depth (%)	80		
Cycle Life	> 6000 cycles (25°C, 0.5C , 80% DOD)		
Function	Optional :Bluetooth/WIFI/Heating		Breaker Optional: Bluetooth/WIFI/Heating
Communication	RS485 CAN		
Display	LCD	LED	
Mounting	Rack-mounted 5U		
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 (L*W*H) (mm)	520*500*225		
Weight (Kg)	--	--	--
Certificate	UN38.3 MSDS		