

POWERBOX 100AH 200AH

100Ah-200Ah, 48V/51.2V



ADVANTAGE OF LITHIUM ION SOLAR BATTERY

- Flexible capability options form 5.12kWh / 10.24kWh.
- Pack type, >6000 times life cycle ,supported OEM/ ODM.
- Support Parallel up-to 15pcs.
- Exceptional lifespan, 5 years warranty.
- BMS matches with most of the inverter brands.

Specification

Basic Parameters	Technical Specification			
Model	POWERBOX 100Ah	POWERBOX 100Ah	POWERBOX 200Ah	POWERBOX 200Ah
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal Capacity (Ah)	100Ah	100Ah	200Ah	200Ah
Nominal Voltage (V)	48V	51.2V	48V	51.2V
Total Energy	4800W.h	5120W.h	9600W.h	10240W.h
Depth of Discharge (90%DOD)	4320W.h	4608W.h	8640W.h	9216W.h
Maximum Charging Voltage (V)	54.3V	57.9V	54.3V	57.9V
End of Voltage (V)	43.5V	46.4V	43.5V	46.4V
Nominal charging current (A)	50A	50A	100A	100A
Maximum Charging Current (A)	50A	50A	100A	100A
Maximum Charging Power (W)	2400W	2560W	4800W	5120W
Working Humidity	≤95%rh			
Store Humidity	≤95%rh			
Working Altitude	≤2000m			
Maximum number of Parallel	15 pcs			
Protection Level	IP21			
Net Weight (Kg)	42KG	45KG	82KG	85KG
Dimensions (mm)	483*460*180	483*460*180	483*680*177	483*680*177
Product Certificate	CE, UN38.3,MSDS			
Circle Life	≥6000 Times, 25°C/0.5C, 60%EOL			
Communication Port	CAN, RS485, RS232			
Operating temperature	0°C ~ 60°C			
Storage temperature	≤25°C, 12 months ;			
	≤35°C, 6 months ;			
	≤45°C, 3months			

Note: Operating current derating according to the cell voltage and temperature.