



EP-BOX-BAT-48/52 9.60kWh/10.24kWh Li-ion Battery

LiFePO4 lithium Battery pack, impact fashionable design, bigger capacity and smaller size, work with solar energy storage systems and optimize system performance, absorb excessive PV electricity and supply power for residence whenever needed.



Safe and Reliable



24/7 monitoring



Compact Size & Easy Installation



Compatibility

EP-BOX-BAT-48/52

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BATTERY SPECIFICATIONS

Model	EP-Box-BAT-48	EP-Box-BAT-52
Rated Voltage	48.0 VDC	51.2 VDC
Rated Capacity	100 Ah	
Battery Energy	9.60 kWh	10.24 kWh
Charge Voltage	54.0 V	58.4 V
Max. Charge Current	50 A	
Recommend Charge Current	50 A	
Continuous Discharge Current	50 A	
Peak Discharge Current	75 A	
Cycle Life (80% DoD, 25°C/0.5C, 60% EOL)	>6000	

COMPLIANCE INFORMATION

Certification	UN38.3
Communication Port	RS485, RS232, CAN
Communication Mode	WIFI / BLUETOOTH

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C~50°C
Storage Temperature	0°C~50°C
Enclosure Protection Rating	IP20
Relative Humidity	20%RH - 80%RH

MECHANICAL SPECIFICATIONS

Dimensions	(442x438x178)mm
Weight	88Kg
Mounting Options	Floor or Wall Mount

