

POWERBOX 5.1

- High Safety LFP Battery with Cell-Level Monitoring and Balancing
- Easy Wall-Mounted Installation
- Support Max. 16 units in parallel
- Compatible with Leading Inverters
- IP66 Waterproof Design for Outdoor Installation

Model	Powerbox 5.1
Main Parameter	
Battery Type	LiFePO4
Nominal Energy	5.12kWh
Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	43.2~57.6V
Recommend Charge/Discharge Current	50A
Max. continuous Charge/Discharge Current	100A
Expansion	Max. 16 units in parallel (81.92kWh)
Other Parameter	
Recommend depth of discharge	90%
Cycle Life	≥8000 (25℃±2℃,0.5C,90%DOD,80%SOH)
Product Dimension(W*D*H)	410*164.5*665mm
Package Dimension(W*D*H)	715*500*249mm
Product Weight	51.02kg
Package Weight	55.65kg
Protection Level	IP66
Operating Temperature	Charge: 0℃~55℃; Discharge:-20℃~55℃
Storage Temperature	-20℃~45℃ in one month 0℃~35℃ in three months
Installation	Wall-mounted
Protection	Built in smart BMS, Fuse
Humidity	5%~95%
Altitude	<4000m
Communication Port	CAN & RS485
Certification	CE, IEC62619, UN38.3