

POWERBOX 16.0

- High Safety LFP Battery with Cell-Level Monitoring and Balancing
- >8000Cycles, 90%DOD, 70%SOH
- Floor-Mounted Design with Wheels for Easy Installation and Mobility
- Support Max. 16 units in parallel
- Compatible with Leading Inverters
- Integrated heater works at -20℃
- IP66 Waterproof Design for Outdoor Installation

Specification

Model	Powerbox 16.0
Main Parameter	
Battery Type	LiFePO4
Nominal Energy	16.08kWh
Capacity	314Ah
Nominal Voltage	51.2V
Operating Voltage	43.2~57.6V
Recommend Charge/Discharge Current	157A
Max. continuous Charge/Discharge Current	200A
Expansion	Max. 16 units in parallel (257.2kWh)
Other Parameter	
Recommend depth of discharge	90%
Cycle Life	≥8000 (25℃±2℃,0.5C,90%DOD,70%SOH)
Product Dimension(W*D*H)	500*250*881mm
Package Dimension(W*D*H)	958*610*470mm
Product Weight	140.5kg
Package Weight	161kg
Protection Level	IP66
Operating Temperature	Charge:0℃~55℃; Discharge:-20℃~55℃
Storage Temperature	-20℃~45℃ in one month 0℃~35℃ in three months
Installation	Floor-mounted
Protection	Built in smart BMS, Breaker, Fuse, Heater, Aerosol
Humidity	5%~95%
Altitude	<4000m
Communication Port	CAN & RS485
Certification	CE, IEC62619, UN38.3