



A51100

- ① High Safety LFP Battery with Cell-Level Monitoring and Balancing
- ② Easy Wall-mounted or Rack mounted Installation
- ③ Support Max. 16 Units in Parallel
- ④ Compatible with Leading Inverters
- ⑤ Built-in Intelligent BMS with Complete Protection and Self-Adaptation



Model	A51100
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	≥6000 (25°C±2°C,0.5C,90%DOD,70%SOH)
Product Dimension(W*D*H)	440*460*130mm
Package Dimension(W*D*H)	558*547*249mm
Product Weight	44.5kg
Package Weight	49.5kg
Protection Level	IP20
Operating Temperature	Charge: 0°C~65°C; Discharge:-20°C~65°C
Storage Temperature	-20°C~45°C in one month 0°C~35°C in three months
Installation	Rack-mounted/Wall-mounted
Protection	Built in smart BMS, Fuse
Humidity	5%~95%
Altitude	<4000m
Communication Port	CAN & RS485
Certification	CE, IEC62619, UN38.3