

W51200 Wall-mounted Household Energy Storage Battery

- + Wall-mounted design, easy to install, and aesthetic
- + Adopts lithium iron phosphate battery cell, safe to use, long life cycle
- + Maximum 1C charge/discharge
- + User-friendly human-machine inter face
- + Compatible with multiple brands of inverters at the same time
- + Supports a maximum of 16 parallel groups
- + Meet North American UL, EU TUV standards

Colors available



W51200



Model	W51200
PERFORMANCE SPECIFICATION	
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	200
Total Power (kWh)	10.24
Best Operating Voltage Range (V)	43-54.5
Short Circuit Protection	yes
Power-on Reverse Connection Protection	optional
Maximum Charging Voltage (V)	57.6
Best Charging Voltage (V)	56.4 (recommended)
Maximum Continuous Output Power (W)	8000
Maximum Momentary Output Power (W)	12000
Local Parameter Configuration	support
Max Installation Dimension (mm)	600*241*580
Package Size (mm)	705*370*690
Weight (kg)	104
IP Class	IP 54
Communication	RS485, RS232, CAN
Design Life	15 years
Certification	CE UN38.3 IEC, UL1642

Model

W51200

PERFORMANCE SPECIFICATION

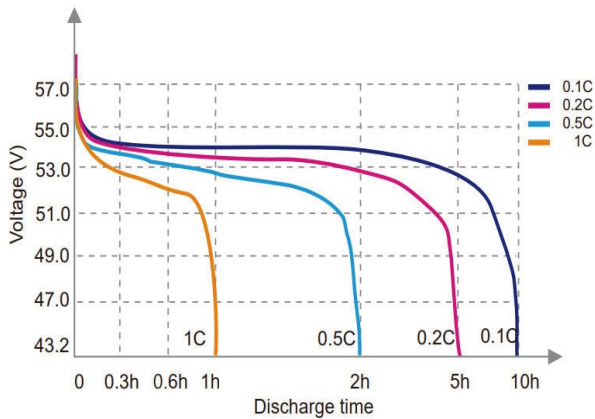
	Storage Temperature	-40°C to 60°C
	Transport Temperature	-40°C to 60°C
Environment	Operate Temperature	charge:0°C to 45°C; discharge:-10°C to 55°C (45°C Load down)
	Relative Humidity	5% to 90%
	Working Pressure	76kPa to 106kPa

DISCHARGING DIAGRAM

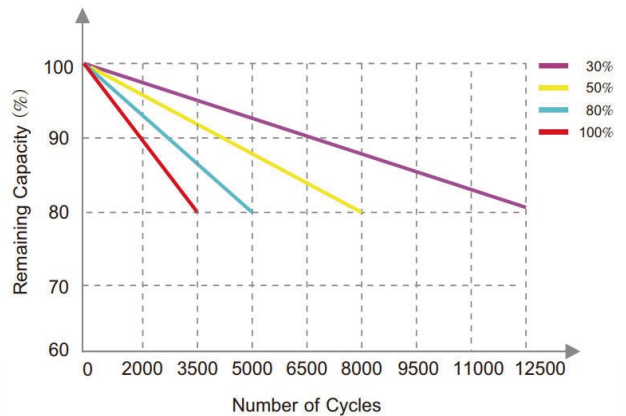
Time (h)	1h	2h	3h	5h	10h
Constant Current (A)	NA	100A	60A	40A	20A
Constant Power (W)	8000W	5120W	3413W	2048W	1024W

Notes: When the battery pack is idle for a long time, please keep its power level at about 50%; When the battery pack needs long-term storage or idleness, it should be recharged every three months, and the power level is maintained at about 50%. Environment requirements for storage: temperature -40 C-60 C, relative humidity 5%-90%. Please keep the battery pack in a dry and ventilated place, avoid contact with corrosive substances, and keep away from fire and heat sources.

Discharge time curves at different rates@ 25°C



Different DOD Discharge Cycle Life Curve (0.5C)



Matching inverters

