

S0056

- Wall-mounted design for space saving
- Top handler design, easy to transport
- Battery capacity is 5.7kWh, usable capacity is 5447Wh
- Excellent safety performance with LFP (Lithium Iron Phosphate) technology
- Intelligent protections of abnormal voltage, current, temperature, SOC, etc
- Online monitoring even battery cell information



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Datasheet

S0056

Nominal parameters

Nominal voltage	51.2V
Nominal capacity	112Ah
Nominal energy	5734.4Wh
Useable energy	5447Wh

Electrical parameters

Operating voltage range	43.2~56.8V
Max.charge voltage	57.6V
Max.continuous discharge current	60A
Max.continuous charge current	60A
Max.continuous discharge power	3000W

Protections

Over voltage protection	Yes
Over current protection	Yes
Short circuit protection	Yes
Over temperature protection	Yes

Communication parameters

Network interface	RS485
Communication protocol	Modbus

Structural parameters

Length	669mm
Width	486mm
Height	154mm
Weight	64KG

Other parameters

Design life(25°C)	> 10 years
Cycle life(25 °C, 80%DOD)	≥5000
Mounting	Wall-mounted
IP protection degree	IP20
Storage time (-20 C~35 C)	3 months power off
Operation temperature	0°C~45°C
Storage temperature	-20°C~45°C
Transport standard	UN38.3
EMC standard	IEC 61000
Warranty	5 years

CE, IEC 62619, UN38.3