



Wall-mounted energy storage battery series



Product Highlights

Flexible Investment

5kWh/10kWh modular design, scalable from 5 to 150kWh.

Fast Installation

Plug & Play battery interface.

Safety

BMS & Breaker two Level over current protection.

TÜV Certification

Battery IEC/UL standard.

Perfect Compatibility

Compatible to most inverter brands on the market.

Fast Charge

High charge/Discharge rates supporting safety 1C fast charge/Discharge.

MODEL	TH-48100-W	TH-48200-W	TH-51100-W	TH-51200-W
Rate voltage(Vdc)	48		51.2	
Cell combination	15S1P	15S2P	16S1P	16S2P
Rate capacity(AH)	100	200	100	200
Energy storage(KWH)	4.8	9.6	5.12	10.24
Cycle life	25±2°C, 0.5C/0.5C, EOL70%≥6000			
Max.charge current(A)	100A			
Max.discharge current(A)	100A			
Discharge cut-off voltage (VDC)	40.5		43.2	
Charge cut-off voltage (VDC)	54		57.6	
Charge temperature	0°C~50°C@60 ± 25% Relative Humidity			
Discharge temperature	-20°C~50°C@60 ± 25% Relative Humidity			
Storage temperature	-20°C~50°C@60 ± 25% Relative Humidity			
IP class	IP20			
Material system	LiFePO4			
Case material	Metal			
Case type	Wall Mount			
Product dimension L*W*H(mm)	690*485*226	690*485*226	690*485*226	690*485*226
Package dimension L*W*H(mm)	850*570*285	850*570*285	850*570*285	850*570*285
Net weight(kg)	42	85	44	88
Gross weight(kg)	47	95	49	98
Protocol(Optional)	CAN/RS485/RS232			
Monitoring	Bluetooth/WLAN Optional			
Certificates	UN38.3, MSDS, CE-EMC	UN38.3, MSDS, CE-EMC, IEC62619,UL1973	UN38.3, MSDS, CE-EMC	

