



Floor standing 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-51280-W	TH-51304-W
Rate voltage(Vdc)	51.2	
Cell combination	16S1P	
Rate capacity(AH)	280	304
Energy storage(KWH)	14.34	15.56
Cycle life	25±2°C, 0.5C/0.5C, EOL70%≥6000	
Max.charge current(A)	200A	
Max.discharge current(A)	200A	
Discharge cut-off voltage (VDC)	43.2	
Charge cut-off voltage (VDC)	57.6	
Charge temperature	0°C~55°C@60 ± 25% Relative Humidity	
Discharge temperature	-20°C~55°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	Floor standing wall mounted	
Product dimension L*W*H(mm)	900*525*186	
Package dimension L*W*H(mm)	1030*635*275	
Net weight(kg)	122.10	125
Gross weight(kg)	129.20	132
Protocol(Optional)	CAN/RS485/RS232	
Monitoring	Bluetooth/WLAN Optional	
Certificates	UN38.3, MSDS	

