



# 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-24100-W	TH-24200-W	TH-25314-W	TH-48100-W	TH-51100-W
Rate voltage(Vdc)	25.6			48	51.2
Cell combination	8S1P	8S2P	8S1P	15S1P	16S1P
Rate capacity(AH)	100	200	314	100	100
Energy storage(KWH)	2.56	5.12	8.0	4.8	5.12
Cycle life	25±2°C, 0.5C/0.5C, EOL70%≥6000				
Max.charge current(A)	100A		150A	100A	
Max.discharge current(A)	100A		150A	100A	
Discharge cut-off voltage (VDC)	21.6			40.5	43.2
Charge cut-off voltage (VDC)	28.8			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)	580*390*195		618*390*206	580*390*195	
Package dimension L*W*H(mm)	660*450*240		785*475*275	660*450*240	
Net weight(kg)	41.5	54	68	52	54
Gross weight(kg)	51	64	78	62	64
Protocol(Optional)	CAN/RS485/RS232				
Monitoring	Bluetooth/WLAN Optional				
Certificates	UN38.3, MSDS, CE-EMC				

