



# Vertical High voltage stack battery series

CE MSDS IEC UN38.3 ISO

## Product Highlights

### Perfect Compatibility

Compatible to most inverter brands on the market.

### Fast Installation

Plug & Play battery interface/Plug in modular design.

### Safety

BMS & Breaker modular level protection.

### Compact Design

Small footprint/690\*195mm.

### Flexible Investment

5.12kWh modular design/Scalable up to 25kWh.

### Long Life

6000 cycles long working lifespan.

MODEL	TG-SS-HV2	TG-SS-HV3	TG-SS-HV4	TG-SS-HV5
Rate voltage(Vdc)	192	288	384	480
Cell combination(S1P)	30S1P*2S	30S1P*3S	30S1P*4S	30S1P*5S
Rate capacity(AH)	50			
Energy storage(KWH)	9.6	14.4	19.2	24
Cycle life	25±2°C, 0.5C/0.5C, EOL70%≥6000			
Max. charge current(A)	50			
Max. discharge current(A)	50			
Discharge cut-off voltage(VDC)	162	243	324	405
Charge cut-off voltage(VDC)	216	324	432	540
Charge temperature	0°C~50°C@60 ± 25% Relative Humidity			
Discharge temperature	-20°C~50°C@60 ± 25% Relative Humidity			
Storage temperature	-40°C~50°C@60 ± 25% Relative Humidity			
IP class	IP65			
Material system	LiFePO4			
Case material	Metal			
Case type	Stand Stack			
Product dimension L*W*H(mm)	680*185*1035	680*185*1425	680*185*1815	680*185*2205
Package dimension L*W*H(mm)	780*295*450*3	780*295*450*4	780*295*450*5	780*295*450*6
Net weight(kg)	14+49*2	14+49*3	14+49*4	14+49*5
Gross weight(kg)	21+53*2	21+53*3	21+53*4	21+53*5
Protocol(Optional)	CAN/RS485			
Monitoring	Bluetooth/WLAN Optional			
Certificates	UN38.3, MSDS, CE-EMC, IEC62619, 63056			

