

TG-SS-HV

CE MSDS 



Perfect Compatibility

Compatible to most
inverter brands on the market



Compact Design

Small footprint/
690*195mm



Fast Installation

Plug & Play battery interface/
Plug in modular design



Flexible Investment

4.8kWh modular design/
Scalable up to 24kWh



Safety

BMS & Breaker modular
level protection



Long Life

6000 cycles
long working lifespan



24kWh

MODEL		TG-SS-5HVS5
Electrical Characteristics		
Rate voltage(Vdc)		480
Cell combination(SIP)		30S1P*5S
Rate capacity(AH)		50
Energy storage(KWH)		24
Cycle life		6000 cycles @80% DOD, 0.5C
Charge/Discharge Standard		
Charge voltage(V)		525
Max. charge current(A)		50
Max. discharge current(A)		50
Discharge cut-off voltage(VDC)		405
Charge cut-off voltage(VDC)		540
Enviornment		
Charge temperature		0°C to 55°C@60±25% Relative Humidity
Discharge temperature		-20°C to 55°C@60±25% Relative Humidity
Storage temperature		-20°C to 55°C@60±25% Relative Humidity
Mechanical		
IP class		IP65
Material system		LiFePO4
Case material		Metal
Case type		Stand Stack
Pack dimension L*W*H(mm)		680*185*2205
Package dimension L*W*H(mm)		780*295*450*6
Net weight(kg)		14+49*5
Gross weight(kg)		21+53*5
Communication		
Protocol(Optional)		Canbus/RS485/RS232
Monitoring		Bluetooth/WLAN Optional
Certificates		
Pack		UN38.3, MSDS,CE
Cell		UN38.3, MSDS, IEC62619, CE, UL1973