

High Voltage Stackable

S1-HV-9.6~24kWh Series



Model	S1-HV-9.6	S1-HV-14.4	S1-HV-19.2	S1-HV-24
Rated Voltage (Vdc)	192	288	384	480
Battery Compartment Combination	30S1P*2S	30S1P*3S	30S1P*4S	30S1P*5S
Rated Capacity(AH)	50			
Energy Storage (KWH)	9.6	14.4	19.2	24
Cycle Life	6000 Cycles @80% DOD, 0.5C			
Charging Voltage(V)	210	315	420	525
Maximum Charging Current (A)	50			
Maximum Discharge Current (A)	50			
Discharge Cut-off Voltage (VDC)	162	243	324	405
Charge Cut-off Voltage (VDC)	216	324	432	540
Ignition Temperature	0°C to 55°C@60±25% Relative Humidity			
Exhaust gas Temperature	-20°C to 55°C@60±25% Relative Humidity			
Storage Temperature	-20°C to 55°C@60±25% Relative Humidity			
IP Class	IP65			
Material System	Lithium Iron Phosphate			
Shell Material	Metal			
Install Type	Stackable			
Product Size L*W*H (mm)	680*185*1035	680*185*1425	680*185*1815	680*185*2205
Packing Size 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
Communication	CAN/RS485/RS232			
Monitor	Bluetooth/WLAN Optional			
Certificate	UN38.3,MSDS, IEC62619, CE			



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