

MA=55=HV



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

5.12kWh modular design/
Scalable up to 25kWh



Safety

BMS & Breaker modular
level protection



Long Life

6000 cycles
long working lifespan



MODEL	MA-SS-5HVS2	MA-SS-5HVS3	MA-SS-5HVS4	MA-SS-5HVS5
Electrical Characteristics				
Rate voltage(Vdc)	192	288	384	480
Cell combination(SIP)	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			
Charge/Discharge Standard				
Charge voltage(V)	210	315	420	525
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
Enviorment				
Charge temperature	0°C ~ 50°C@60 ± 25% Relative Humidity			
Discharge temperaturc	-20°C ~ 50°C@60 ± 25% Relative Humidity			
Storage temperature	-20°C ~ 50°C@60 ± 25% Relative Humidity			
Mechanical				
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
Communication				
Protocol(Optional)	CAN/RS485/RS232			
Monitoring	Bluetooth/WLAN Optional			
Certificates				
Pack	UN38.3, MSDS			
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054			