

FM-SS-LV



Perfect Compatibility

Compatible to most inverter brands on the market



Compact Design

Small footprint/
640 * 205 mm



Fast Installation

Plug & Play battery interface/
Plug in modular design



Flexible Investment

Upto 20 kWh per system
and supporting up to 5 pcs
parallel configuration



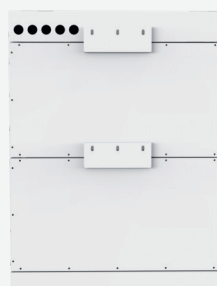
Safety

BMS & Breaker modular
level protection



Long Life

6.000 cycles
long working lifespan



10.24kWh

MODEL	FM-SS-51LVP2	FM-SS-51LVP3	FM-SS-51LVP4
Electrical Characteristics			
Rate Voltage (Vdc)		51.2	
Energy storage (kWh)	10.24	15.36	20.48
Cycle life	6.000 cycles @80% DOD, 0.5C		
Months self discharge	≤ 2%		
Charge/ Discharge Standard			
Charge voltage (V)	56		
Max. charge current (A)	100		
Max. discharge current (A)	100		
Discharge cut-off voltage (VDC)	43.2		
Charge cut-off voltage (VDC)	58.4		
Environment			
Charge temperature	0°C to 50°C @ 60 ± 25% Relative Humidity		
Discharge temperature	-20°C to 50°C @ 60 ± 25% Relative Humidity		
Storage temperature	-20°C to 50°C @ 60 ± 25% Relative Humidity		
Mechanical			
IP Class	IP 65		
Case type	Stand Stack		
Pack dimension L*W*H (mm)	640*205*897	640*205*1.239	640*205*1.581
Package dimension L*W*H (mm)	760*335*450*2 705*395*240*1	760*335*450*3 705*395*240*1	760*335*450*4 705*395*240*1
Net weight (kg)	14+48*2	14+48*3	14+48*4
Gross weight (kg)	21+53*2	21+53*3	21+53*4
Communication			
Protocol (Optional)	CANBus / RS485 / RS232		
Monitoring	Bluetooth / WLAN Optional		
Certificates			
Cell	UN38.3, MSDS		
Pack	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054		
Others			
	15S (48 V) models also available		