

Electrical Specifications				
Model	SSM-12V-125AH	SSM-24V-124AH	SSM-36V-125AH	
Nominal Voltage	12.6 V	25.2 V	37.8 V	
Maximum Voltage	14.0 V	29.4 V	44.1 V	
Capacity	1562 W	3125 W	4725 W	
Maximum Charge/Discharge Current	100 A (BMS Limited)	100 A (BMS Limited)	100 A (BMS Limited)	
Maximum Load Power	1110 W	2590 W	2590 W	
Operating Temperature	0°C to ~60°C	0°C to ~60°C	0°C to ~60°C	
Self Discharge	125 uA	125 uA	125 uA	
Maximum Series Voltage	12.6 V	29.2 V	41.2 V	
Charging Cycles	+4000 at 80% DoD	+4000 at 80% DoD	+4000 at 80% DoD	
Charging Specifications				
Recommended Charge Current	60 A	65 A	65 A	
Recommended Charge Voltage	14.4 V	29.4 V	44.1	
Equalization Voltage	4.2 V	4.2 V	4.2 V	
BMS Charge Current Cut-Off	40 mA	40 mA	40 mA	
Recharge/Rebulk Voltage	4.1 V	4.1 V	4.1 V	
High BMS Voltage Protection	60°C	60°C	60°C	
Discharging Specifications				
Peak Discharge Current	100 A (BMS Limited)	100 A (BMS Limited)	100 A (BMS Limited)	
Surge for Loads over 500A	Protected	Protected	Protected	
Recommended LVD	9 V	21 V	32 V	
BMS Discharge Voltage Cut-Off	8.4 V	19.6 V	29.8 V	
Reconnect Voltage	9 V	21 V	32 V	
Short Circuit Protection	Protected	Protected	Protected	
Recommended Discharge Current	36 A	36 A	36 A	
Temperature Specification				
Discharge Temperature	-20°C to ~60°C	-20°C to ~60°C	-20°C to ~60°C	
Charge Temperature	0°C to ~60°C	0°C to ~60°C	0°C to ~60°C	
Storage Temperature	-20°C to ~45°C	-20°C to ~45°C	-20°C to ~45°C	
BMS High Temperature Cut-Off	60°C	60°C	60°C	
BMS Reconnect Temperature	50°C	50°C	50°C	
Mechanical Specifications				
Size (Width x Height x Depth)	9.5" x 5.25" x 8"	12.9" x 9.8" x 6.5"		
Weight (lbs)	15.43 lbs (7kg)	24.25 lbs (11kg)		