

PRODUCT SPECIFICATION



Model	SM-24R	SM-34R	SM-50R
Basic Parameters			
Nominal Voltage (Vdc)	48	48	48
Nominal Capacity Ah	54	72	105
Nominal Energy (kWh)	2.5	3.4	5
Discharge Current A (Max)	90 A (5 Sec)	110A (5 sec)	175 A (5 sec)
Charge Voltage (V)	54.6V	54.6V	54.6V
Charge Current (A) (Recomm)	54	72	105
Charge Current (A) (Max)	80	80	170
Typical Weight (kg)	12 kg	< 30 kg	50 kg
Dimensions (W*D*H) (mm)	466*500*176	-	466*750*176
Status Indicators	V/I/SOC/ALM/CellV/ Temp		
Communication ports	RS 485 / CAN		
Communication in Parallel	10	10	10
Switch	Available	Available	Available
Operating Temperature Discharge	-20 ~ 55°C	-20 ~ 55°C	-20 ~ 55°C
Charge	-20 ~ 50°C	-20 ~ 50°C	-20 ~ 50°C
Storage Temperature	-20 ~ 55°C	-20 ~ 55°C	-20 ~ 55°C
Humidity	<90%	< 90	< 90
Cycle Life (25 Degree C)	> 10000	> 10000	> 10000
Scalability	14kw	54kw	80kw
Protection	FUSE / BMS	FUSE / BMS	FUSE / BMS
Resistance	< 0.6mΩ	< 0.5mΩ	< 0.3mΩ
Design Life	> 20 Year	> 20 Year	> 20 Year