

Stackable Model

Optional Customization Types



Stackable Quantity



Customized Logo



Multiple Shell Colors



Customized Capacity

Product Details



- Long Life Cycle, offers a lifespan of more than 5 years, ensuring durability and reliability
- Built-in BMS monitors and safeguards battery operation within design limits
- Easily expandable by adding parallel-connected expansion battery packs with each module providing
- Compact and Easy Installation, ideal for spaces with limitations, discreet installation with simplified maintenance compared to larger systems

RPES-SM1



Battery Module NO.	1 module	2 modules	3 modules	4 modules
Rated Voltage	51.2V			
Rated Capacity	100A			
Rated Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Output Voltage Range	43.2V~58.4V			
Charging Voltage	57.6~58.4V			
Cut-off Voltage	43.2V			
Max. Charging Current	100A	100A	100A	100A
Recommended Charging Current	50A	50A	50A	50A
Max. Discharging Current	100A	100A	100A	100A
Efficiency	>98%			
Dimension L*W*H(mm)	600*500*363	600*500*540	600*500*717	600*555*894
Weight (kg)	≈75	≈127	≈179	≈231
Humidity	5%~95% Relative humidity			
Charging Temperature	0°C~55°C			
Discharging Temperature	-20°C~60°C			
Storage Temperature	-10°C~30°C			
Cycle Life	>6000 times (0.2C, @25°C, 80%DOD)			
Design Life	>10 years			