

Residential ESS Series

Wall-Mounted Model



RPES-WM4

Rated Voltage	25.6V		51.2V	
Rated Capacity	100Ah	200Ah	100Ah	200Ah
Rated Energy	2.56kWh	5.12kWh	5.12kWh	10.24kWh
Output Voltage Range	21.6V~29.2V		43.2V~58.4V	
Charging Voltage	28.8~29.2V		57.6~58.4V	
Cut-off Voltage	21.6V		43.2V	
Max. Charging Current	100A		100A	
Recommended Charging Current	50A		50A	
Max. Discharging Current	100A		100A	
Efficiency	>98%			
Dimension L*W*H(mm)	434*384*142	650*384*142	650*384*142	680*415*235
Weight (kg)	≈25	≈45	≈45	≈86
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			
Operating Mode	Touch Screen			

Optional Customization Types



Multiple Modes
Of Operation



Customized
Logo



Multiple
Shell Colors



Customized
Capacity

Product Details



- High Safety Standards:Reliable LFP cells with built-in BMS for maximum protection.
- Long Lifespan:Over 6000 cycles at 80%DoD,ensuring lasting performance.
- Flexible Monitoring:Optional LCD display,Bluetooth,and WiFifor convenient tracking.
- Wide Compatibility:Works with most inverters for easy system integration.
- Expandable Capacity:Can be expanded in parallel to meet growing energy needs.