



NEW  
ENERGY

**Battery**

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# Battery

## RESIDENTIAL Wall Mount 5KWh-10KWh

### Product Features

- Streamlined for wall-mounted convenience, optimizing space without compromising perfor
- Harnesses LiFeP04 technology for superior efficiency and reliability in energy storage
- Includes an advanced Battery Management System (BMS) for enhanced safety and intelligent monitoring
- Seamlessly integrates with various applications, ensuring adaptability and efficiency
- Delivers enduring performance with a robust warranty for reliability and peace of mind



## SPECIFICATIONS

Model	RPES-WM3(51.2V100A)	RPES-WM4(51.2V200Ah)
Rated Voltage	51.2V	
Rated Capacity	100Ah	200Ah
Rated Energy	5.12kWh	10.24kWh
Output Voltage Range	43.2V~58.4V	
Charging Voltage	57.6~58.4V	
Cut-off Voltage	43.2V	
Max. Charging Current	100A	
Recommended Charging Current	50A	
Max.Discharging Current	100A	
Efficiency	> 98%	
Dimension L *W*H (mm)	622*400*153	680*412*231
Weight (kg)	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	Press Button	Touch Screen

## Application scenarios



# Battery

## RESIDENTIAL Floor type 10KWh-15KWh

### Product Features

- Easily movable with built-in wheels, offering unmatched convenience
- Provides abundant power with 51.2V 300Ah capacity, ensuring long-lasting energy storage
- Simple installation for seamless integration into residential systems
- Equipped with built-in safeguards against overcharging and over-discharging for ultimate safety
- Conveniently monitor battery status and control from anywhere, adding a modern touch to your energy management
- Delivers consistent and reliable power supply, ensuring uninterrupted performance for your residential needs



## SPECIFICATIONS

Model	RPES-WM2 (51.2V200A)	RPES-W2 (51.2V300Ah)
Rated Voltage	51.2V	
Rated Capacity	200Ah	300Ah
Rated Energy	10.24kWh	15.36kWh
Output Voltage Range	43.2V~58.4V	
Charging Voltage	57.6~58.4V	
Cut-off Voltage	43.2V	
Max. Charging Current	100A	150A
Recommended Charging Current	50A	
Max.Discharging Current	100A	150A
Efficiency	> 98%	
Dimension L *W*H (mm)	495*780*217	825*413*233
Weight (kg)	92	110
Humidity	5%~95% Relative humidity	
Charging Temperature	0℃ -55℃	
Discharging Temperature	(-20℃ -60℃ )	
Storage Temperature	(-10℃ -30℃ )	
Cycle Life	>6000 times (0.2C , @25℃, 80%DOD)	
Design Life	>10 years	
Operating Mode	Press Button	Touch Screen

## Application scenarios



Villa



Private Home



Manor



Small farm