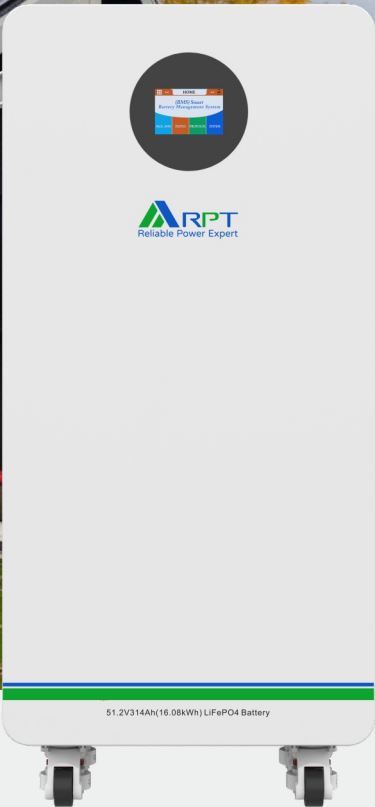


RESIDENTIAL ESS SERIES

RPES-W2(51.2V314)
LiFePO4 Lithium Battery

Wheel-Model

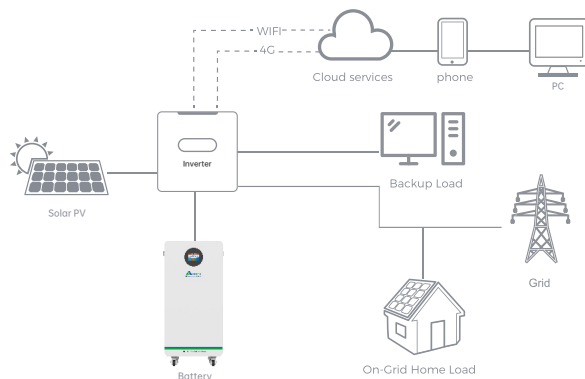


Product Features

- Easily movable with built-in wheels, offering unmatched convenience
- Provides abundant power with 51.2V314Ah 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



- 1 LCD Display Screen
- 2 Positive Terminal
- 3 Negative Terminal
- 4 RST Button
- 5 RUN Lighting
- 6 ALM Lighting
- 7 SOC Lighting
- 8 Dry Contact
- 9 RS485A
- 10 CAN
- 11 RS232
- 12 RS485B
- 13 Switch
- 14 Metal Handle
- 15 Ground Wire
- 16 Wheel



Model	RPES-W2 (51.2V 314Ah)
Rated Voltage	51.2V
Rated Capacity	314Ah
Rated Energy	16.08kWh
Output Voltage Range	43.2V~58.4V
Charging Voltage	57.6~58.4V
Cut-off Voltage	43.2V
Max. Charging Current	150A
Recommended Charging Current	50A
Max.Discharging Current	150A
Efficiency	>98%
Dimension L*W*H (mm)	825*415*235
Weight (kg)	≈120
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	Touch Screen

Application scenarios



Shenzhen Renegy Power Technology Co.,Ltd

+86 755 8992 2956

www.rpt-power.com

info@rpt-power.com

Wandajie Industrial Park, No. 1-12, Jinlong Avenue, Pingshan District, Shenzhen, Guangdong, China, 518118

