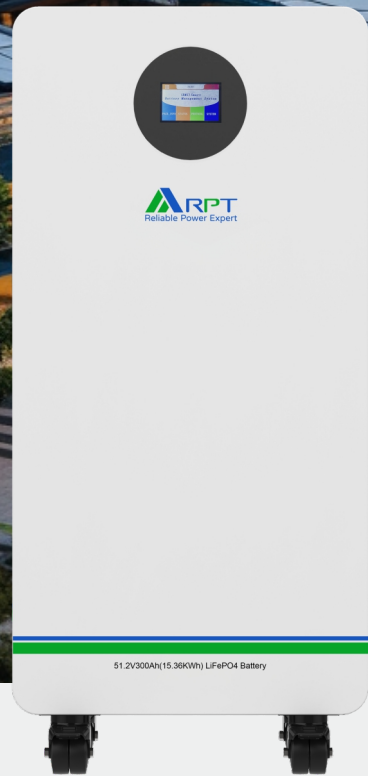


## RESIDENTIAL ESS SERIES

# RPES-W2(51.2V300)

## LiFePO4 Lithium Battery

### Wheel-Model

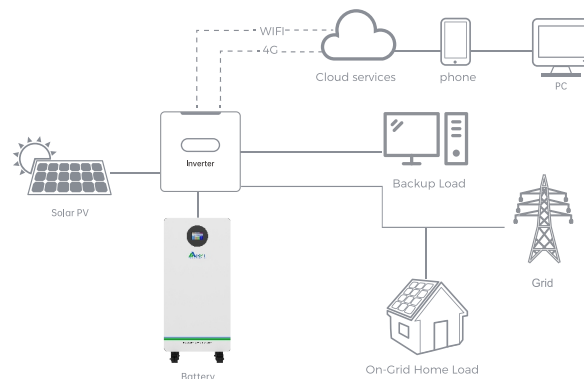


### Product Features

- Easily movable with built-in wheels, offering unmatched convenience
- Provides abundant power with 51.2V300Ah 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 300Ah)
Rated Voltage	51.2V
Rated Capacity	300Ah
Rated Energy	15.36kWh
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*413*233
Weight ( kg )	≈110
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

### Application scenarios



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