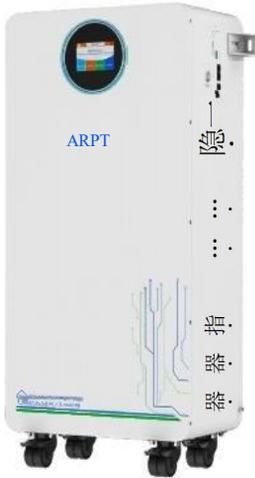


Residential ESS Series

Wheel-Mounted Model



Optional Customization Types



Multiple Modes Of Operation



Customized Logo



Multi-language Display



Multiple Shell Colors

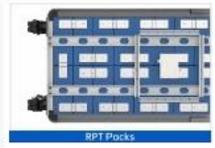


Customized Capacity



Customized Screen

Product Details



- **Advanced Safety:** Reliable LFP cells with intelligent BMS for secure operation.
- **Long Lifespan:** 6000+ cycles at 80% DoD, supported by a 5-year warranty.
- **Smart Monitoring:** Optional LCD, Bluetooth, and WiFi for real-time tracking.
- **Wide Compatibility:** Compatible with most inverters for easy integration.
- **Scalable Design:** Expandable up to 16 units to meet growing energy needs.

RPES-W2

Rated Voltage	51.2V	51.2V	51.2V	51.2V
Rated Capacity	280Ah	300Ah	314Ah	350Ah
Rated Energy	14.34kWh	15.36kWh	16.08kWh	17.92kWh
Output Voltage Range	43.2V~58.4V	43.2V~58.4V	43.2V~58.4V	43.2V~58.4V
Charging Voltage	57.6~58.4V	57.6~58.4V	57.6~58.4V	57.6~58.4V
Cut-off Voltage	43.2V	43.2V	43.2V	43.2V
Max. Charging Current	150A	150A	150A	150A
Recommended Charging Current	50A	50A	50A	50A
Max. Discharging Current	150A	150A	150A	150A
Efficiency	>98%	>98%	>98%	98%
Dimension L*W*H (mm)	825*415*235	825*415*235	825*415*235	825*415*235
Weight (kg)	=110	=112	=115	=120
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			