

Low Voltage-Home Energy Storage

Energy Storage Lifepo4--Powerwall Box Model



Product Features

- LFP(Lithium Iron Phosphate) cell to ensure the highest safety
- Built-in BMS protects the cell such as temperature,current,voltage,Soc,Soh
- Extra long cycle life times with 6000 cycles with 80% DoD
- Data communication with most of the inverters on the market

Technical Data

| Model | RPES-51.2V100-WM2 | RPES-51.2V200-WM2 |
|------------------------------|---------------------------------|-------------------|
| Basic Parameters | | |
| Rated Voltage | 51.2V | 51.2V |
| Rated Capacity(0.2°C,@25°C) | 100Ah | 200Ah |
| Rated Energy | 5120Wh | 10240Wh |
| Operating Parameters | | |
| Output Voltage Range | 43.2V-57.6V | |
| Charging Voltage | 55.2-57.6(recommend 56V) | |
| Cut-off Voltage | 43.2V | |
| Max. Charging Current | 100A | 100A |
| Recommended Charging Current | 50A | 50A |
| Max. Discharging Current | 100A | 100A |
| Efficiency | >98% | >98% |
| Physical | | |
| Dimension L*w*h(mm) | 527*500*150MM | 673*618*193MM |
| Weight(kg) | 53kg | 89kg |
| Environment | | |
| Humidity | 5%-95% Relative humidity | |
| Charging Temperature | 0°C-60°C | |
| Discharging Temperature | -20°C-60°C | |
| Storage Temperature | -10°C-30°C | |
| Service Life | | |
| Cycle Life | >6000 times(0.2°C,@25°C,80%DOD) | |
| Design Life | >10 years | |



Higher specific energy



Easy to install



Long cycle life



Support parallel operation



Environmental protection and no pollution



Support deep customization