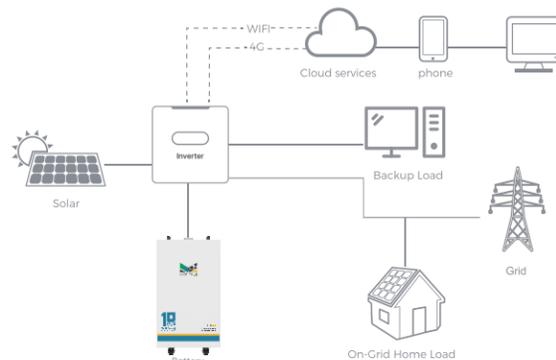




We Bring The Sun Closer!

# RPES-51.2V314 W2(IP65) LiFePO4 Lithium Battery

Wheel-Mounted Model



- 1 Switch
- 2 Positive Terminal
- 3 Negative Terminal
- 4 Wheel
- 5 RS485A
- 6 RS485B
- 7 CAN
- 8 RS232
- 9 Circuit Breaker
- 10 Metal Handle

Model	RPES-51.2V314-W2(IP65)
Rated Voltage	51.2V
Rated Capacity	314Ah
Rated Energy	16.08kWh
BMS	PACE 150A BMS with active balance of 2A
Cell model	EVE 314Ah Prismatic cell
Output Voltage Range	43.2V~58.4V
Charging Voltage	57.6V~58.4V
Cut-off Voltage	43.2V
Max. Charging Current	150A
Recommended Charging Current	100A
Max. Discharging Current	150A
Efficiency	≥99%
Dimension L*W*H ( mm )	880*520*250
Weight ( kg )	≈131
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	≥8000 times ( 0.2C, @25°C, 80%DOD )
Warranty	10 years
IP Rating	IP 65
Certificate	CE ,IEC62619 ,MSDS ,UN38.3

## Application scenarios



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