

Solar Generator And Energy Storage System

RPS series

3.6KW+8KWh



Main Features

- 1> Elegant and stylish, floor installation.
- 2> Hybrid inverter, with built-in batteries and MPPT solar controller.
- 3> Selectable priority between solar,batteries or mains to feed the output.
- 4> Wide range of selectable mains input voltage.
- 5> Protection for over-discharge, overload, over-temperature, short-circuit protection etc.
- 6> Supports RS485/SNMP/Wifi/Bluetooth monitoring function.
- 7> Built in lithium battery with extremely long life 8000 cycles.
- 8> Stacked design facilitates inverter maintenance and battery capacity expansion.

MODEL	RPS 3.6K+RPS 25314
Rated Capacity	3600W/8.04kWh
AC Input	
Rated input voltage	208/220/230/240VAC
Voltage Range	170~264VAC(For ups mode); 90~280VAC(For Home Appliances)
Frequency Range	40~70Hz(Auto sensing)
AC Charging Current Range	2~100A
Max. Input Current	20A
PV Input	
Solar Charging Type	MPPT
PV Max. Input Power	4000W
MPPT Tracking Voltage Range	40~450VDC
Max. PV Input Voltage	500 VDC
PV Charging Current Range	2~100A
Max. Charging Current	100A
Output	
Rated Output Power	3.6kw
Rated Output Voltage	(220V~240V) ± 5%
Output frequency	50/60Hz ± 0.1%
Peak Power	7200W
Overload Capacity(Battery Mode)	1min@102%~110% Load 3s@130%~150% Load
Peak Efficiency (Battery Mode)	>94% battery mode >99% line mode
Transfer Time	10ms
Dual output function	/
Max.main output power	/
Max.second output power	/
Battery	
Battery Energy	8.04kWh
Battery Voltage	25.6Vdc
Cell Technology	LiFePO4
Fully charging voltage (FC)	29.2Vdc
Fully discharging voltage (FC)	20.8Vdc
DOD	80%
Product General Data	
Designed Life-span cycle	8000
Communication Interface	RS232(Optional), RS485,SNMP/Wifi/Bluetooth(Optional)
Display	LED & LCD
Parallel Interface	RS485
Operation Environment Temperature	0~40 °C
Storage Environment Temperature	-15~60 °C
Environment Humidity	20%~95%
Operation Altitude	<3000m
Cooling Mode	Active Cooling
Noise Emission	<50db
Physical	
Product Dimensions (mm)	W566.2*D303*H820
Product Weight(kg)	118

Product specifications are subject to change without notice.