

Technical Parameter

Model	RPS 3+5	RPS 5+5	RPS 5+10	RPS 5+15
AC Input				
Rated Input Voltage	208/220/230/240 VAC			
Input Voltage Range	170~280VAC(For PC);90~280VAC(For Home Appliances)			
Frequency Range	50/60Hz(Auto Sensing)			
AC Charging Current Range	100A	80A		
Max. Input Current	130A	90A		
PV Input				
Solar Charging Type	MPPT			
PV Max. Input Power	4KW	5.5KW		
MPPT Tracking Voltage Range	120~430 VDC			
Max. PV Input Voltage	450 VDC			
PV Charging Current Range	100A	0~80A		
Max. Charging Current	100A	80A		
Output				
Rated Output Power	3kW	5kW		
Rated Output Voltage	(220V~240V) ± 5%			
Output Frequency	50/60Hz ± 0.1%			
Max. Output Current	22.7A			
Peak Power	6000W	10000W		
Overload Capacity (Battery Mode)	1min@102%~110% Load ; 10s@110%~130%Load; 3s@130%~150% Load ; 200ms@>150% Load			
Peak Efficiency	>94% battery mode >99% line mode			
Transfer Time	10ms			
Battery				
Battery Voltage	24VDC	48VDC		
Battery Energy	5.12kWh	10.24kWh	15.36kWh	
Cell technology	LiFePO4			
DOD	80%			
Product General Data				
Designed Life-span cycle	6000			
Communication Interface	RS232, RS485, CAN(Standard),SNMP/Wifi/Bluetooth(Optional)			
Display	LCD&LED			
Parallel Interface	RS485&CAN			
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*H820*D303		W566.2*H1200*D303	W566.2*H1580*D303
Product Weight(kg)	68	68	118	168