

Model	MPS-VIII 3600W	MPS-VIII 4200W	MPS-VIII 6200W
Maximum PV Input Power	6200W	6200W	6500W
Rated Output Power	3600W	4200W	6200W
Maximum Solar Charging	120A	140A	120A
Input Voltage	230VAC		230VAC
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC	360VDC/500VDC	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC	90VDC/120VDC	90VDC/120VDC
MPPT Voltage Range	90VDC~450VDC	90VDC~450VDC	90VDC~450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A	1/27A	1/27A
Norminal Output Voltage	200/230/240VAC	200/230/240VAC	200/230/240VAC
Output Voltage Range	195.5~253VAC	195.5~253VAC	195.5~253VAC
Norminal Output Current	15.7A	18.2A	26.1A
Power Factor	> 0.99	> 0.99	> 0.99
Maximum Conversion Efficiency(DC/AC)	97%	97%	97%
TWO LOAD OUTPUT POWER(V2.0)			
Full Load	3600W	4200W	6200W
Maximum Main Load	3600W	4200W	6200W
Maximum Second Load(Battery mode)	1200W	1400W	2067W
Main Load Cut Off Voltage	22VDC	22VDC	44VDC
Main Load Return Voltage	24VDC	24VDC	48VDC
OFF-GRID OPERATION			

AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC	120-140VAC/180VAC	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC	90-280VAC or 170-280VAC	90-280VAC or 170-280VAC
Maximum AC Input Current	30A	30A	40A
Nominal Operating Frequency	50/60Hz	50/60Hz	50/60Hz
Suge Power	7200VA	8400VA	12400VA
PV INPUT(DC)			
Maximum DC Voltage	500VDC	500VDC	500VDC
MPPT Voltage Range	90~450VDC	90~450VDC	90~450VDC
Number or MPPT Trackers/Maximum Input Current	1/27A	1/27A	1/27A
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage	24VDC	24VDC	48VDC
Output Wavefrom	Pure sinewave	Pure sinewave	Pure sinewave
Efficiency(DC to AC)	94%	94%	94%
BATTERY & CHARGER			
Nominal DC Voltage	24VDC	24VDC	48VDC
Maximum Solar Charging Current	120A	140A	120A
Maximum AC Charging Current	100A	100A	100A
Dimension. D*W*H	420*310*110mm	420*310*110mm	420*310*110mm

Net Weight (kgs)	10kg	11kg	11kg
Communication Interface	RS232/WIFI/BMS	RS232/WIFI/BMS	RS232/WIFI/BMS
Humidity	0~90%	0~90%	0~90%
Operating Temperature	10°C to 50°C	10°C to 50°C	10°C to 50°C