

# PLATINUM PV9200



MODEL

PLATINUM 9200-48



Phase	1-phase
Maximum PV Input Power	9200W
Rated Output Power	8200W/8200VA
Maximum Solar Charging Current	160A
<b>GRID-TIE OPERATION</b>	
PV Input(DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90VDC~450VDC
Number of MPPT Trackers/Maximum Input Current	2/31Amp
<b>GRID OUTPUT(AC)</b>	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195~253VAC
Nominal Output Current	35.6A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
<b>EFFICIENCY</b>	
Maximum Conversion Efficiency(DC/AC)	98%
<b>TWO LOAD OUTPUT POWER</b>	
Full Load	8200W
Maximum Main Load	8200W
Maximum Second Load(battery mode)	2733W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	52VDC
<b>OFF-GRID OPERATION</b>	
<b>AC INPUT</b>	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	40A
Nominal operating frequency	50/60Hz
Surge power	16400W
<b>PV INPUT(DC)</b>	
Maximum DC Voltage	500VDC
MPPT Voltage Range	90VDC~450VDC
Number of MPPT Trackers/Maximum Input Current	2/23A
Maximum ISC	31 Amp
<b>BATTERY MODE OUTPUT(AC)</b>	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency(DC to AC)	94%
<b>BATTERY &amp; CHARGER</b>	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
<b>GENERAL</b>	
Maximum Energy	200A
<b>PHYSICAL</b>	
Dimension,D x W x H(mm)	420*310*110
Cartoon Dimension,D X W XH(mm)	588*463*205
Net Weight(kgs)	14.2
Gross Weight(kgs)	15.7
<b>INTERFACE</b>	
Communication Port	RS232/WIFI/Remove LCD/GPRS
<b>ENVIRONMENT</b>	
Operating Temperature	-10 ~50°C



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