

PLATINUM PV12200



MODEL

PLATINUM 12200-48



Phase	1-phase
Maximum PV Input Power	6000W x2
Rated Output Power	12000VA
Maximum Solar Charging Current	160 Amp
GRID-TIE OPERATION	
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
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195~253VAC
Nominal Output Current	44.3A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
EFFICIENCY	
Maximum Conversion Efficiency(DC/AC)	98%
TWO LOAD OUTPUT POWER	
Full Load	10200W
Maximum Main Load	10200W
Maximum Smart Load upto (battery mode)	3400W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	52VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	50A
Nominal operating frequency	
Surge power	20400W
PV INPUT(DC)	
Maximum DC Voltage	500VDC
MPPT Voltage Range	90VDC~480VDC
Number of MPPT Trackers/Maximum Input Current	2/18A
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency(DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
Total Current	200 Amp
PHYSICAL	
Dimension, D X W X H(mm)	450*310*110
Cartoon Dimension, D X W XH(mm)	618*463*205
Net Weight(kgs)	14.5
Gross Weight(kgs)	16.0
INTERFACE	
Communication Port	RS232/WIFI/Remove LCD/GPRS
ENVIRONMENT	
Operating Temperature	-10 ~50°C



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