

# PLATINUM PV7200



MODEL

PLATINUM 7200 -48



Phase	1-phase
Maximum PV Input Power	7200W
Rated Output Power	6200W/6200VA
Maximum Solar Charging Current	120A
<b>GRID-TIE OPERATION</b>	
PV Input(DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
Maximum DC Voltage	90~450VDC
Number of MPPT Trackers/Maximum ISC Support	1/23A
Maximum ISC	31 Amp
<b>GRID OUTPUT(AC)</b>	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	27.0A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
<b>EFFICIENCY</b>	
Maximum Conversion Efficiency( Solar to AC )	98 %
<b>TWO LOAD OUTPUT POWER(V2.0)</b>	
Full Load	6200W
Maximum Main Load	6200W
Maximum Second Load(battery mode)	2067W
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	12400 W
<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 Charging Current (Solar to AC)	120A
Maximum AC Charging Current	100A
<b>GENERAL</b>	
	160 Amp
<b>PHYSICAL</b>	
Dimension,D X W x H(mm)	453*334*110
Net Weight(kgs)	10
<b>INTERFACE</b>	
Communication Port	RS232/ WIFI/GPRS
<b>ENVIRONMENT</b>	
Operating Temperature	10 ~50 C



PAKISTAN'S FIRST INNOVATIVE BRAND

**Fronus**<sup>®</sup>  
SOLAR ENERGY

بہر دے اجالا زندگی میں

# PLATINUM SERIES



# PV7200



WWW.FRONUS.COM

INFO@FRONUS.COM