



# Pluto 11000



## GRID OUTPUT (AC)

Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	44.3A
Power Factor	>0.99
<b>EFFICIENCY</b>	
Maximum Conversion Efficiency (DC/AC)	98%
<b>TWO LOAD OUTPUT POWER</b>	
Full Load	10200W
Maxium Main Load	10200W
Maxium Second Load(battery mode)	3400W
Maxium Load Cut Off Voltage	52VDC
Maxium Load Return Voltage	54VDC
<b>OFF-GRID OPERATION</b>	
<b>AC INPUT</b>	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-280VAC
Frequency Range	49~51±1HZ
Maximum AC Input Current	50A
<b>PV INPUT (DC)</b>	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A
<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
Maximum Charging Current	160A
<b>COMBINED OPERATION</b>	
<b>PV INPUT (DC)</b>	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A
<b>GRID OUTPUT (AC)</b>	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	44.3A
<b>AC INPUT</b>	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-180VAC
Maximum AC Input Current	50A
Maximum AC Charging Current	140A
<b>GENERAL</b>	
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	530*420*160
Carton Dimension, D X W XH(mm)	618*463*205
Net Weight (kgs)	15
Gross Weight(kgs)	16.5
<b>INTERACE</b>	
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY
<b>ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity(Non ~ condensing)
Operating Temperature	-10°C ~ 50°C
<b>STANDARD</b>	
Compliance Safety	CE