

PLUTO 5200 SOLAR INVERTER

SPECIFICATION

Phase	1-phase
Maximum PV Input Power	5200W
Rated Output Power	3600W/3600VA
Maximum Solar Charging Current	120A
GRID-TIE OPERATION	
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 Input Current	1/23A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	15.7A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
EFFICIENCY	
Maximum Conversion Efficiency(Solar to AC)	98%
TWO LOAD OUTPUT POWER(V2.0)	
Full Load	3600W
Maximum Main Load	3600W
Maximum Second Load(battery mode)	1200W
Main Load Cut Off Voltage	22VDC
Main Load Return Voltage	26VDC
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	30A
Nominal operating frequency	50/60Hz
Surge power	7200W
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	24VDC
Maximum Charging Current (Solar to AC)	120A
Maximum AC Charging Current	100A
GENERAL	
Maximum Charging Current	160 Amp
PHYSICAL	
Dimension,D X W X H(mm)	423*334*110
Net Weight(kgs)	9
INTERFACE	
Communication Port	RS232/WIFI/GPRS
ENVIRONMENT	
Operating Temperature	10~50℃



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PLUTO SERIES



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