

MODEL	HP PRO MAX 4.2KW
Phase	1-phase
Maximum PV Input Power	5500W
Rated Output Power	4200W
Maximum Solar Charging Current	140A
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	90~450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	18.2A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
EFFICIENCY	
Maximum Conversion Efficiency(Solar to AC)	98 %
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	8400W
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	24VDC
Output Waveform	Pure sine wave
Efficiency(DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	24VDC
Maximum Charging Current (Solar to AC)	140A
Maximum AC Charging Current	100A
GENERAL	
PHYSICAL	
Dimension,D × W × H(mm)	420*310*110
Cartoon Dimension,D X W XH(mm)	590*390*208
Net Weight(kgs)	9.3
Gross Weight(kgs)	11
INTERFACE	
Communication Port	RS232/WIFI/GPRS