

OPIN Series

OPIN Series MPPT OFF-Grid INVERTER OPIN 1200/2000

KEY FEATURES

- Simulated Sine Wave Output
- Narrow/Wide Input Range Selection
- Build-in AC Charger
- Cold Start Function
- Overload and Short Circuit Protection



Specification:

Model Name	OPIN 1200	OPIN 2000
Capacity	1200VA/1000W	2000VA/1800W
Input		
Nominal Voltage	230Vac	
Voltage Range	170 ~280Vac(narrow) 90~280Vac(wide)	
Frequency	50/60Hz(Auto sensing)	
Output		
Nominal Voltage(Batt.mode)	230Vac(+10%/-18%)	
Frequency Range(batt.mode)	50Hz/60Hz	
Waveform (Batt.mode)	Modified sine wave	
Transfer Time	15ms Typical, 40ms Max.	
Efficiency	80%	
PV Charger		
Solar Charge Type	MPPT	MPPT
Max. Solar Array Open Circuit	100VDC	100VDC
MPPT Range Operating Voltage	15~80VDC	30~80VDC
Max. Solar Charging Current	70A	
Max. Solar Array Power	960W	1650W
Battery		
Battery Voltage	12Vdc	24Vdc
Charge Current	20A default, 0/10/15/20/25A	15A default, 0/5/10/15/20A
Floating Charging Voltage	13.7VDC	27.4VDC
Over Charging Voltage	16VDC	32VDC
Indicators		
Display	LCD&LED	
Physical		
Dimension(W x H x D)(mm)	309.5 x 244 x 96	
Net Weight (kg)	2.5	2.7
Environment		
Operating Humidity	5-95 % non-condensing	
Operating Temperature	0-50°C	