

SOLAR CAPACITY **600W**



**PRIMAX**<sup>®</sup>  
SOLAR ENERGY



# GALAXY PV1200+

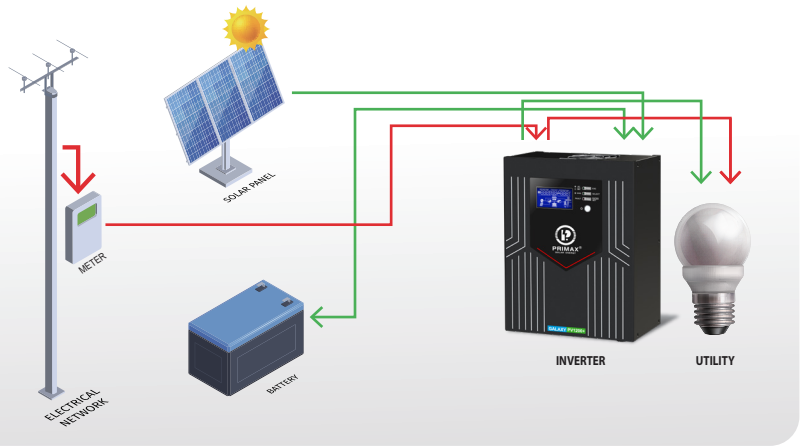
**OFF-GRID MPPT Solar Inverter - Smart Power Source**

## FEATURES :

- Simulated sine wave inverter
- Built-in 50A MPPT solar charger
- Selectable output source priority via LCD setting
- Wide input voltage range: 90-280 VAC
- Overload and short circuit protection
- Combines LCD display and LED indicator for comprehensive information



# OFF-GRID Solar Inverter | 900 Watt



<b>MODEL</b>	<b>GALAXY PV1200+</b>
<b>CAPACITY</b>	1200VA / 900W
<b>INPUT</b>	
Voltage	220-240 VAC
Selectable Voltage Range	90-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	220-240 VAC $\pm$ 10%
Overload Capability	Load >110% $\pm$ 15%, alarm 5 minutes and then inverter fault If decreasing the load until lower than 100%, the overload alarm can release. Load >130% $\pm$ 15%, inverter fault immediately.
Efficiency (Peak)	82%
Transfer Time	20 ms
Waveform	Simulated Sine Wave
<b>BATTERY</b>	
Battery Voltage	12 VDC
Floating Charge Voltage	13.7 VDC $\pm$ 0.5 VDC
Overcharge Protection	15.0VDC $\pm$ 0.5 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	100 VDC
Maximum PV Array Power	600 W
MPP Range @ Operating Voltage	15 ~ 80 VDC
Maximum Solar Charge Current	50A
Maximum AC Charge Current	10A /20A
Maximum Charge Current	50A
<b>PHYSICAL</b>	
Dimension, D X W X H (mm)	272 x 212 x 127
Net Weight (kgs)	4.5
<b>OPERATING ENVIRONMENT</b>	
Humidity	0 to 90% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 55°C

Product specifications are subject to change without further not



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