

SOLAR CAPACITY

1200W



PRIMAX[®]
SOLAR ENERGY



GALAXY PV2400+

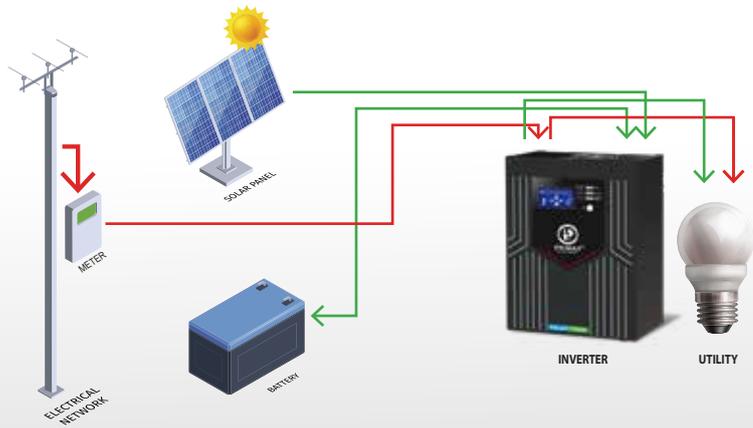
OFF-GRID MPPT Solar Inverter - Smart Power Source

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 MPPT Solar Inverter | 1600 Watt



MODEL	GALAXY PV2400+
CAPACITY	2400VA / 1600W
INPUT	
Voltage	220-240 VAC
Selectable Voltage Range	90-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
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)	85%
Transfer Time	20 ms
Waveform	Simulated Sine Wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27.4 VDC \pm 1 VDC
Overcharge Protection	30.0VDC \pm 0.5 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	100 VDC
Maximum PV Array Power	1200 W
MPP Range @ Operating Voltage	30 ~ 80 VDC
Maximum Solar Charge Current	50A
Maximum AC Charge Current	10A/20A
Maximum Charge Current	50A
PHYSICAL	
Dimension, D X W X H (mm)	272 x 212 x 127
Net Weight (kgs)	4.8
OPERATING ENVIRONMENT	
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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