

# INVERTER

## GPI-2000VA#12VPVT

**GOOG**  
POWER

### Off - Grid Inverter



### Features

- > Pure sine wave output
- > Optional MPPT/PWM solar charge controller 60A MPPT Efficiency max 98%
- > DC Start & Automatic Self-Diagnostic Function
- > High Efficiency Design & "Power Saving Mode" to Conserve Energy
- > Auto restart when Ac is recovering
- > Smart battery charger design for optimized battery performance
- > Selectable charging current based on applications
- > AC input/DC input/Solar input optional priority
- > Auto Restart Voltage Setting

### Technical Specifications

Capacity(VA)	GPI-2000VA#12VPVT
Rated Power	1600W
Voltage(DC)	12V
Nominal Voltage	220VAC
Voltage Range	154-265VAC ;185-264VAC ( selectable)
Frequency	50-60HZ Auto sensing
Power Factor	0.8
Voltage	220VAC
Frequency	50/60HZ
Waveform	Pure Sine Wave
Transfer Time (AC to DC)	<8ms
Transfer Time (DC to AC)	<8ms
Output Voltage Regulation	±10%
Bypass Mode	Yes
Saver Mode	Yes
Efficiency	>98%
Input Protection	Circuit Breaker
Output Protection	Circuit Breaker
Battery Type	VRLA / GEL /GEL DEEP CYCLE/ LITHIUM
Charging Current	40A
Low Level disconnect (Selectable)	10V -11V
Maximum PV array power	1400W
MPPT control voltage range	18V-150V
MPPT Maximum PV display open circuit voltage	150VDC
Maximum solar charge current	60A
LCD indicator status	AC input voltage/input frequency, PV voltage, PV current , Output Voltage/Frequency, Battery voltage, Load current etc.
LED indicator status	AC Line In:Green/Inverter:Red/Charging :Yellow/Alarm :Red
LOW battery alarm	Audible alarm-5 seconds beeping
Overload alarm	Audible alarm- continuous beeping
Fault	Audible alarm- continuous beeping
Temperature	0-60°C
Humidity	-10°C~90°C Non condensing
Accoustic Noise(db)	>55dB