



Simulated Sine Wave Inverter Series

IPS Series | IPS1202-IPS2402



Fan



LCD TV



Computer



CCTV System



Lights



Prolink's IPS series is the ideal inverter system for your home or business. Provide full DC power to your connected equipment and storage during power outage, as well as protection from surges on your AC lines. With an easy-to-read LCD display, you'll always know your battery status and connected load level details, while our compact design means you can locate them anywhere in your house or office.

Covering a wide selection of voltages, the IPS Series is available in capacities as low as 1000W to as high as 1800W.

Key Features

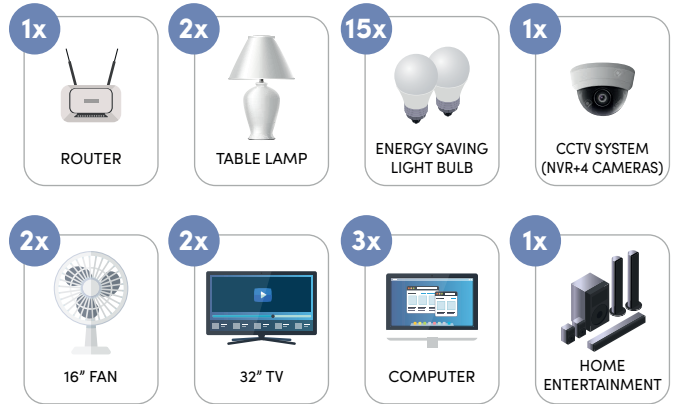
- Selectable Voltage Range
- Advanced Protection
- LCD and/or LED panel (Refer to the specifications)
- Auto restart while AC is recovering
- Auto re-charge while AC is recovering
- Solar input with MPPT charge controller (Optional)

Recommended Equipments

IPS1202



IPS2402

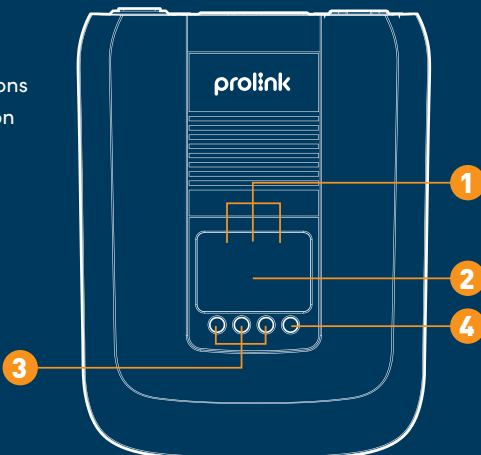


Notes:

- 1) Quantity may vary depending on the product's actual power consumption.
- 2) Not compatible with Water pump and Smart TV.

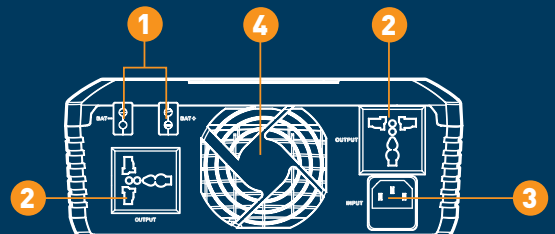
Top Panel

1. LED indicators
2. LCD
3. Setting function buttons
4. Power ON/OFF button



Rear Panel

1. External battery connectors
2. AC output receptacles
3. AC inlet
4. Cooling fan



Specifications

MODEL		IPS1202	IPS2402
Capacity		1200VA/1000W	2200VA/1800W
INPUT			
Nominal Voltage		220~240VAC	
Voltage Range		170~280Vac(for narrow range setting) 90~280Vac(for wide range setting)	
Frequency		50Hz/60Hz (Auto sensing)	
OUTPUT			
Nominal Voltage		230VAC	
Voltage Regulation (Batt. Mode)		+10%/-18%	
Frequency		50Hz/60Hz	
Output Waveform (Batt. Mode)		Simulated Sine Wave	
Transfer Time		10~20ms (Typical), 40ms (Max)	
Efficiency		>95% (AC mode), >80% (Battery mode)	
Overload Protection		>110% for 1 min >120% for 20s >150% shutdown immediately	
Protection		Short Circuit, Overload, Over-temperature, Deep-discharge and Overcharge Protection	
BATTERY			
Charging Algorithm		3-stage charging	
AC Charging Current		10A/15A/20A(default)/25A selectable	5A/10A/15A (default)/20A selectable
Numbers		1	2
Nominal DC Voltage		12VDC	24VDC
Float Charge Voltage		13.7VDC \pm 2%	27.4VDC \pm 2%
Overcharge Protection		16VDC \pm 2%	32VDC \pm 2%
Maximum Battery Capacity		250AH	200AH
INDICATORS			
LCD Display		Input Voltage, Output Voltage, Load level, Battery level, Overload and Fault alarm	
LED Display	Line Mode 1 (charge current >3A)	Green Flashing	
	Line Mode 1 (charge current <3A)	Green Lighting	
	Off Mode Charging	Green Flashing	
	Battery Mode	Yellow Lighting	
	Fault	Red Lighting	
	Overload	Red Flashing	
ALARM			
Low Battery		Sounding every 2 seconds	
Overload Warning		Sounding every 0.5 second	
High Temperature		Sounding every 0.5 second	
Fault		Continuously sounding	
PHYSICAL			
Dimension (mm) D x W x H		309.5 x 244 x 96	
Weight		2.5kg	2.6kg
ENVIRONMENT			
Operation Humidity		0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature		0°C to 50°C	
Noise Level		<50dB @ 1m	

Product specifications are subject to change without further notice.

Ver1.0_16.01.2024

Authorised Distributor/ Reseller:

Compatible with:



Windows



macOS



Linux