

IPS 1200-A / IPS 2400-A (Simulated Sinewave)

- Simulated sine wave inverter
- Sensitivity selector (UPS mode & inverter mode)
- Multiple display options: horizontal, vertical, and wall mount
- 12VDC or 24VDC available
- 10 A or 20 A standard charging current
- Auto restart while AC is recovering
- Overload and short circuit protection
- Adjustable battery charging voltage
- Generators & Computer-related devices compatible



- Three indicators available
- Cold start function
- Build in 30A PWM solar charger

Full Specifications

MODEL	IPS1200-A	IPS2400-A
CAPACITY	1200 VA / 720 W	2400 VA / 1440 W
INPUT		
Voltage	220/230/240 VAC	
Acceptable Voltage Range	170-280 VAC (UPS mode) / 90-280 VAC (INV. Mode)	
Frequency Range	60Hz or 50 Hz (auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	±10%	
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz	
Transfer Time	20 ms typical	
Waveform (Batt. Mode)	Simulated Sine Wave	
BATTERY		
Battery Voltage	12 VDC	24 VDC
Low Battery Alarm Voltage	10.2 VDC ± 2%	20.4 VDC ± 2%
Overcharge Protection	15.0 VDC ± 2%	30.0 VDC ± 2%
AC CHARGER		
Constant Current Charge Voltage	14.3 VDC ± 2%	28.6 VDC ± 2%
Floating Charge Voltage	13.7 VDC ± 2%	27.4 VDC ± 2%
Maximum Charge Current	10 A or 20 A	10 A or 20 A
SOLAR CHARGER		
Maximum PV Array Open Circuit Voltage	75 VDC	
Operating Voltage Range	15~18 VDC	30~32 VDC
Maximum Solar Charge Current	30A	
PROTECTION		
Full Protection	Overload, and short circuit protection	
INDICATORS		
Line Mode	Green lighting	
Battery Mode	Yellow lighting	
Low Battery	Yellow flashing every 2 seconds	
Shutdown Mode	Yellow flashing every 5 seconds	
Charging Mode at Power On	Green flashing every 2 seconds	
Charging Mode at Power Off	Green flashing every 5 seconds	
Overload	Red flashing for 0.5 sec. every second	
Overcharging	Red flashing every 5 seconds	
Fault	Red lighting	
ALARM		
Low Battery	Sounding every 2 seconds	
Overload	Sounding every 0.5 second	
Overcharging	Continuously sounding for 30 minutes, then shutdown	
Fault	Continuously sounding for 30 minutes, then shutdown	
PHYSICAL		
Dimension, D X W X H (mm)	293 X 231.5 X 82.5	
Net Weight (kgs)	2.65	2.85
OPERATING ENVIRONMENT		
Humidity	0 to 90% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 40°C	
Storage Temperature	-15°C to 50°C	

Product specifications are subject to change without further notice.