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Certificate No. 13590

Uninterruptible Power Supply Line-Interactive Pseudo Sinewave Output

Premier Net

800VA to 2000VA

Single Phase Input / Single Phase Output



- **Line-Interactive technology with AVR and filters**
- **Pseudo Sinewave output**
- **Battery test feature**
- **Cold start**
- **Auto re-start**
- **Superb battery management**
- **50Hz or 60Hz operation**
- **Audible/visual alarms**
- **RS-232 port**
- **SNMP Box option**
- **Free software**

The **Premier Net** UPS range comprises of four models (800-1000-1500-2000VA) and uses digital line-interactive (VI) technology. The load is powered from the mains through an AVR to stabilise brownouts, sag and surge voltages, EMI filters suppress spikes and transients.

When the mains fails the load is powered by the inverter with a pseudo sinewave to provide sufficient time for the supplied load to be shutdown.

Specifications

MODEL	PN 800	PN 1000	PN 1500	PN 2000
Rated Power(VA)	800	1000	1500	2000
Power (W) with resistive load	480	600	900	1200
INPUT				
Nominal Input Voltage	220, 230, 240Vac Single Phase			
Voltage Range	172V – 287V			
Frequency	50/60 Hz Auto sensing			
BATTERIES				
Type	Sealed lead acid, maintenance free			
OUTPUT				
Nominal Output Voltage	230Vac Single Phase			
Voltage on Mains Operation	-8% to +10%			
Voltage on Battery Operation	230Vac (± 5%)			
Transfer Time	2 ms			
Waveform on Battery Operation	Pseudo Sinewave			
Frequency on Battery Operation	50 or 60Hz (±0.5%)			
Output Sockets	4 x IEC 320 10A			
COMMUNICATIONS INTERFACE				
RS-232 Port	YES			
SNMP Solution	OPTIONAL			
ENVIRONMENT				
Operating Temperature	0 - 40°C (15 to 25° recommended for batteries)			
Relative Humidity	95% non condensing			
Protection	Battery Low – Overcurrent – Short Circuit			
GENERAL DATA				
Colour	Dark Grey			
Audible Noise	<40dBA at 1 metre			
Enclosure Protection	IP20			
Safety	EN62040-1-1 and Directive EC 73/23, 93/68; EN62040-3			
EMC	EN62040-2 and Directive EC 2004/108, EC 93/68			
Surge	IEC 801-5 6KV 1.2/50µs differential			
WEIGHTS & DIMENSIONS				
PN 800	5 mins/11 mins*	180x140x375mm (HxWxD)		Wt: 14Kgs
PN 1000	5 mins/9 mins*	180x140x375mm (HxWxD)		Wt:14.5Kgs
PN 1500	5 mins/9 mins*	180x140x375mm (HxWxD)		Wt: 15Kgs
PN 2000	5 mins/9 mins*	215x140x410mm (HxWxD)		Wt: 20Kgs

* Back-up times full load/typical (load dependant). Specifications are subject to change without prior notice.

