

# Line Interactive Modified Sinewave UPS

## Powerstar Series – 600VA and 1000VA



The Powerstar UPS Series is an advanced modified sinewave line interactive UPS. Economical with attractive features and with RS232 communication. Green inverter saves battery power and more energy.

- Microprocessor control guarantees high reliability
- Equipped with boost and buck AVR to stabilise input voltage
- Built-in DC start function enables UPS to be started up without AC power supplied
- Smart RS-232 Communication port with free downloadable software from the internet
- Green Power function for energy saving
- Auto restart while AC recovery
- Provides modem/phoneline surge protection
- Provides overload protection
- 1000VA : User replaceable battery design
- 1000VA : Discharge, overcharge and overload protection



## TECHNICAL SPECIFICATIONS

MODEL		Powerstar 600	Powerstar 1000
Capacity	V/A/W	600VA/240W	1000VA/600W
Input	Voltage	220/230/240VAC	
	Voltage range	182 - 290VAC	
Output	Voltage	220/230/240VAC	
	Voltage regulation (batt. mode)	+- 10%	
	Frequency	50Hz	
	Frequency regulation (batt. mode)	+- 1Hz	
	Output waveform	Modified sinewave	
Battery	Battery type & number *	1 x 12V/7Ah	2 x 12V/7Ah
	Backup time	33 minutes (at 1 PC load with PII and 15" monitor)	25 minutes (at 2 PC load with PII and 15" monitor)
	Recharge time	8 hours to 90% after complete discharge	
Transfer time	Typical	2 - 6 ms	4 - 6 ms
Indicator	AC Mode	Green lighting	1st green LED lighting 2nd to 5th green LEDs gradually lighting indicating load level
	Battery Mode	Green flashing	1st green LED lighting 2nd to 5th green LEDs gradually lighting indicating load level
	Fault		Red LED Lighting
Audible Alarm	Battery Mode	Sounding every 10 seconds	
	Low Battery	Sounding every second	
	Overload	Sounding every 0.5 seconds	
	Battery Replacement	Sounding every 2 seconds	
	Fault	Continuously sounding	
Protection	Full Protection	Discharge, overcharge and overload protection	
Dimensions	D x W x H (mm)	330 x 100 x 140	368.3 x 140.2 x 180.4
	Net Weight (kgs)	6	13.8
Environment	D x W x H (mm)	0 - 40 deg C, 0 - 90% relative humidity (non-condensing)	
	Noise Level	AC Mode : Less than 40 dB	AC Mode : Less than 40 dB Backup Mode : Less than 45dB
Interface	Smart RS-232	Supports Windows 95/98/NT/2000/XP, Novell and Linux	