

AN ISO 9001:2008 CERTIFIED CO.



Digital & Sine Wave
Inverter & Home UPS
Long Back-up UPS

**Your Own
Power House**



Salient Features

- Highly reliable micro controller based design.
- MOSFET based power stage with PWM AC output.
- Soft start backup mode.
- Selectable battery option.
- Runs lighting as well as Computers load for long time.
- Pre-loaded battery management software.
- Regulated output voltage window during regulated UPS mode.
- Regulated battery charging from 125 to 275 V AC.
- Audio alarms on : Mains fail, Battery low, Overload.
- Selector Switch for Inverter/UPS Mode.
- Backup mode protected against overload, short ckt., etc.
- Automatic overload reset.
- Over current of MOSFET's protected within micro seconds.
- Can accept any input waveform (sine, square, generator etc.)
- Automatic low battery warning and cut off.
- FUZZY LOGIC Battery charging control.
- Charging current variable (2 Amp to 15 Amp.)
- Unique home away feature, shuts down backup mode.*

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Other Product Range : RO Water Purifier, Water Softener, DM Plant, Chilling Plant



Handy 350/650VA



Classic
650
850
1550
1850 VA



Victor 650/850VA



Ultima 650/850VA



Star
650
850
1550
1850VA



Max Power 3000/3500VA

Load Chart Home UPS

Rating	350 VA		650 VA		850 VA		1550 VA		1850 VA		3000 VA		3500 VA	
	I	II	I	II	I	II	I	II	I	II	I	II	I	II
Fan	2	1	3	2	4	2	8	4	9	4	15	5	18	7
Tube-Light	2	2	3	2	4	3	8	4	10	4	15	5	18	7
Computer	x	x	x	1	x	1	x	2	x	3	x	5	2	6
T.V. (Upto 21")	x	1	1	x	1	x	1	1	1	1	2	1	1	1
Battery DC Volt	12V		12V		12V		24V		24V		48V		48V	



Technical Specifications :

Rating	:	350 VA to 5000 VA
AC Input	:	100V to 285V ± 10V AC (Inverter Mode) 175V to 270V (Home UPS Mode)
Output Voltage Range	:	200-250V AC (backup mode)
Output Frequency	:	50 ± 0.1 Hz
Output Waveform	:	Modified Sine Wave
Transfer Time	:	@70m Sec. (Inverter Mode) @ 10-15m Sec. (Home UPS mode)
Display	:	LED (Mains, Inverter, Charging, Over load, Battery Low), LCD (16x2 Lines) Optional
Battery Charger Range	:	125 to 275 V AC.
Battery Charging Current	:	2 Amp. to 15 Amp. DC.
Battery Boost Voltage	:	13.8 / 14.2 Volts ± 0.1 V.
Battery Low Cut-off	:	9.6 Volts ± 0.2V.
Overload	:	Trips after 10 seconds, Four Retires.
Environmental	:	Operating Temperature 0°C to 50°C Humidity Max 95%, Non-Condensing.



CFL Inverter Range



Sine Wave Inverter & Home UPS

Salient Features

- Micro controller based design with DSP technology.
- SMPS based battery Charger, Charges battery from 110V.
- Selectable charging current and voltage. FUZZY LOGIC Battery charging control.
- Complete O/L & Short ckt. protection with facility to run highly inductive loads.
- Automatic overload reset. PWM Sinewave Output.
- Protection against abnormal temperature rise.
- Can accept any input waveform like sine wave, square wave, generator etc.
- Automatic low battery warning and cut off.
- Closed loop regulated Sinewave output from no-load to full load.

Mfd By:

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