

## 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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Victor 650/850VA





Star 650 850 1550 1850VA

650 850 1550



Max Power 3000/3500VA

#### Load Chart Home UPS

Rating	350 VA		650 VA		850 VA		1550 VA		1850 VA		3000 VA		3500 VA	
Option	-1	- II	1	- 11	- 1	- 11	10	11	1	- II	-1	- II	- 1	- 11
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	х	х	х	1	х	1	х	2	х	3	х	5	2	6
T.V. (Upto 21")	х	1	1	х	1	х	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

100V to 285V ± 10V AC (Inverter Mode) **AC Input** 

175V to 270V (Home UPS Mode)

200-250V AC (backup mode) Output Voltage Range

50 ± 0.1 Hz Output Frequency

**Output Waveform** Modified Sine Wave

Transfer Time @70m Sec. (Inverter Mode) @ 10-15m Sec. (Home UPS mode)

LED (Mains, Inverter, Charging, Over load,

Display

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.

9.6 Volts ± 0.2V. Battery Low Cut-off

Sine Wave Inverter & Home UPS

■ Micro controller based design with DSP technology. SMPS based battery Charger, Charges battery from 110V.

Overload Trips after 10 seconds, Four Retires. Environmental Operating Temperature 0°C to 50°C Humidity Max 95%, Non-Condensing.

■ Selectable charging current and voltage. FUZZY LOGIC Battery charging control.



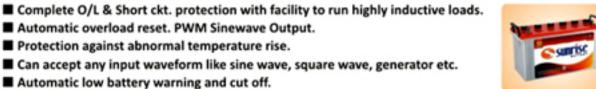




Trolley













Battery

Servo Volt. Stabilizer

Mfd By:

Salient Features

### Sunrise Unitech Pvt. Ltd.

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■ Closed loop regulated Sinewave output from no-load to full load.

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Branch / Dealer