

# JUMBO

# Ab AC to Kya Sab kuch *Chalega*

Luminous Jumbo Inverter runs

- Air-Conditioner
  - Refrigerator
  - Microwave
  - LCD Projector
  - Plasma Television
  - Cooler
  - Water Pump
  - Washing Machine ...
- & all your other appliances

**LUMINOUS** Presents  
**World's No.1 Inverter Range**

### Other Applications

Petrol Pumps / Deep freezers / Lifts / Small Offices /  
Nursing Homes / Hospitals / Data Centers /  
Cyber cafes / BPOs etc...



**6 KVA to 1000 KVA**



# LUMINOUS

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## LOAD CHART

MODEL	6KVA		10KVA		
FAN	15	17	10	4	4
TUBE LIGHT	15	17	12	5	5
T.V.	x	2	2	1	2
AC 1.5 TON	1	x	x	3	x
AC 2 TON	x	x	1	x	2
MICRO WAVE	x	1	1	x	x

MODEL	6KVA	10KVA
DC Voltage	120V	180 V
Battery Recommended	10 No. 135AH to 180AH	15No. 135AH to 180AH
Input Voltage	140V - 280V	140V - 280V
Output Voltage	230V ± 2%	230V ± 2%

\* Details of Higher Capacity Models are available on request

## Features

- Digital Signal Processing Technology
- Sine Wave Output with intelligent real time control
- Compact and Reliable SMT based design
- Smart Charge plus Technology for faster charging and longer battery life.
- Intelligent Thermal Management for longer life and higher reliability.
- High speed MOSFET protection for excess currents and voltage spikes
- No humming noise from Inverter as well as from equipments connected to it
- High Frequency based design for instantaneous Sine Wave Control

## Protections

- Overload with Auto Reset.
- Battery Deep Discharge protection with Reset option.
- Short Circuit Protection.
- Battery reverse polarity protection
- Phase Reversal Protection
- Miniature Circuit Breaker for Overload and Short Circuit
- Protection in Mains mode instead of Cartridge Fuse.

## Smart Charge<sup>+</sup> Technology

- High Frequency based Pulse Width Modulated Charger with high Input Power Factor
- Up to 70% electricity saving
- Charges battery up to two times faster
- Advanced Battery Management Enhances battery life up to 70%
- Intelligent Continuous Charging Profile adjustment
- Negligible Water Loss
- Regulated Battery Charging from 120V to 290V.



## Audio Alarms

- Audio Alarm ON :- Battery low Pre-Alarm, Overload Pre-Alarm, Short Circuit Trip and Phase Reversal Shutdown.

## Advance Digi Display

- Digital Display for Mains On, Inverter On, Smart Charging, Overload/Short Circuit Trip, Battery Low Trip, Battery Fuse Blown and Battery Reverse Connection.



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