

LUMINOUS



Intelligent Lithium Ion Inverter

INVERTER *WITH* LITHIUM-ION BATTERY

Li-ON
Rating:- 1100VA | 12V

Key Features



Maintain consistent
backup for its entire life



3X Faster
Charging



No fumes
No Acid Spill



No water top-up
required



Zero
Maintenance

Applications



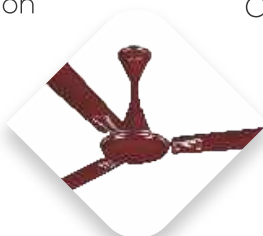
Television



Computer



Refrigerator



Fan



CFL

TECHNICAL SPECIFICATIONS

| Rating | | 1100VA 12V |
|--------------------|----------------------------------|--------------------------------|
| Input | Regulated UPS mode | |
| | Rated Voltage | 230V AC |
| | Undervoltage | 180±5V |
| | Undervoltage Restoration | 190±5V |
| | Overvoltage | 265±5V |
| | Overvoltage Restoration | 255±5V |
| | Unregulated ECO mode | |
| | Undervoltage | 85±10V |
| | Undervoltage Restoration | 105±10V |
| | Overvoltage | 290±10V |
| | Overvoltage Restoration | 280±10V |
| Output | Rated voltage (UPS Mode) | 230V AC ± 10% |
| | Voltage (Mains Mode) | SAME AS INPUT |
| | Frequency (UPS Mode) | 50 ± 0.5Hz |
| | Frequency (Mains Mode) | SAME AS INPUT (45-55 Hz) |
| | Overload | > 100% |
| | Transfer Time(typical a.s.) | < 20 ms. |
| Battery | Battery System (Nominal Voltage) | 12.8V DC |
| | Battery Capacity | 1280Wh |
| | Number of Battery | 1 |
| | Charging Time | 3-4Hrs. typical (On Mains)* |
| | Type of Battery | Lithium ION Battery |
| Physical | Net weight (Kg.) | 25.0 approx |
| | Gross weight (Kg.) | 27.2 approx |
| | Dimension (LxWxH)(mm) | 300x326x284 |
| Front LCD Displays | Low Battery (B/L) | "LBT" display |
| | ON Mains | Mains Symbol Display |
| | Charging ON (CHG.) | Charging Symbol Display |
| | Overload (O/L) | "Old" display |
| | Battery High Cut | "bSFL" display |
| | Short Circuit | "Sct" display |
| | Over Temperature | "OTP" display |
| | No Load Shutdown | "nLDL" display |
| Alarms | UPS ON | Beeps for 2 times |
| | Low Battery Pre-Alarm | Beeps every 30 Seconds |
| | Low Battery | Continuous beep (10 Seconds) |
| | Overload & Short circuit | Continuous beep for 10 Seconds |
| | Overload (Eco Mode) | Retry for 5 times |
| | Mains to Inverter change over | Beeps for 2 times |
| Environmental | Operating Temperature | 0-45°C (32-113°F) |
| | Storage Temperature | 0-45°C (32-113°F) |
| | Humidity | 0-95% RH non-condensing |

Due to continuous product improvement, the specifications are subject to change without notice.

*Charging from mains at 230V AC,

Press & hold front switch for 3 sec to set the ECO/UPS mode. Default mode is ECO mode.