

# LUMINOUS

## LB Series



## Delivering power when you need it the most.

Luminous Line Interactive UPS range is loaded with state of the art features that deliver continuous power supply and protect your computer and peripherals from power surges, drop in line voltage, brownouts, blackouts and other critical hazards. Smart Charge and Intelligent Continuous Charging Technology ensure longer battery life and faster charging. The entire range of Luminous Line interactive UPS Systems are generator compatible and equipped with built in Automatic Voltage Regulator which not only protects connected equipment but lets it run even when line voltage is too low or too high. At Luminous the onus is to empower you to protect your data and enable you to keep working without any hassle during unscheduled power outages.

### Features:

- Micro Controller Based Design
- Generator Compatible
- Smart Charge + Intelligent Continuous Charging.
- Wide Input Voltage Window: 140V-300V
- Automatic Voltage Regulation
- Cold Start Capable: Allows PC to Boot on Battery
- Fire Resistance Capability.
- No Load Shutdown: Prevents Battery Deep Discharge \*



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## Applications :

- Small Home & Office
- Digital Class Room Equipment
- LED TV & Set Top Box
- Router / Modem
- CCTV Surveillance
- Cyber Café
- Desktop / PC back up support

| Model                      | LB600UNO                            | LB600PRO     | LB800UNO        | LB1000UNO     |
|----------------------------|-------------------------------------|--------------|-----------------|---------------|
| <b>CAPACITY</b>            | 600VA / 360 W                       |              | 800VA / 480W    | 1000VA / 600W |
| <b>INPUT</b>               |                                     |              |                 |               |
| Voltage                    | 230 VAC                             |              |                 |               |
| Voltage Range              | 140~300 VAC                         |              |                 |               |
| Nominal Frequency          | 50Hz (Auto Sensing)                 |              |                 |               |
| <b>OUTPUT</b>              |                                     |              |                 |               |
| Voltage Regulation         | 230 V $\pm$ 10%                     |              |                 |               |
| Frequency Range(Batt.Mode) | 50~60 HZ $\pm$ 1Hz                  |              |                 |               |
| Transfer Time              | Typical 4-8 ms, 13 ms max           |              |                 |               |
| Waveform                   | Simulated Sine Wave                 |              |                 |               |
| <b>BATTERY</b>             |                                     |              |                 |               |
| Type & Number              | 12V/7.2AHx1                         | 12 V/7.5AHx1 | 12V/7.2AHx2     |               |
| Charging Time              | 4-6 hours up to 90% capacity        |              |                 |               |
| <b>EFFICIENCY</b>          | 94%                                 |              |                 |               |
| <b>Display - Indicator</b> |                                     |              |                 |               |
| AC Mode                    | Solid Green LED                     |              |                 |               |
| Battery Mode               | Flashing Yellow LED                 |              |                 |               |
| Fault Mode                 | Solid Red LED                       |              |                 |               |
| <b>PHYSICAL</b>            |                                     |              |                 |               |
| Dimension - DxWxH (mm)     | 279 x 101 x 142                     |              | 350 x 146 x 160 |               |
| Net Weight (Kgs)           | 4.2                                 | 4.4          | 7.9             |               |
| <b>ENVIRONMENT</b>         |                                     |              |                 |               |
| Operating Humidity         | 0-90 % RH @ 0-40 C (non-condensing) |              |                 |               |
| Noise Level                | Less than 40dB                      |              |                 |               |
| <b>WARRANTY</b>            |                                     |              |                 |               |
| Electronics                | 2 Years                             | 2 Years      | 2 Years         | 2 Years       |
| Battery                    | 1 Year                              | 2 Years      | 1 Year          | 1 Year        |

Specifications are subject to change without prior notice, due to continuous product improvements.

\* This feature is available only on the 600VA UPS

IS 16242 (Part1):2014



R-41015563



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