



Flexible Power Solutions

Line interactive UPS for long backup time



LB1000XL & LB2000XL

Luminous LB 1000 & 2000XL are flexible Line Interactive UPS that provide longer backup time and safe power to run critical applications in poor power conditions prevailing in remote and semi remote locations. Both models are equipped with a larger charger and selectable charging current options of 5A/10A/15A/20A to charge different sizes of batteries, apart from this the UPS also offers Tubular/SMF battery selection modes to facilitate attachment to any type of battery. Designed with Indian power conditions in mind, these UPS models are equipped with a 140V-290V input voltage window and a wide frequency band ranging from 40-70Hz to ensure compatibility with most gen-sets in the country.

Key Applications:

- SOHO's
- Diagnostic labs & clinics,
- DTP, print shops, cyber-cafes
- School & college computer labs
- FMCG warehouses & large format retail stores
- Airline reservation & travel booking counters

Features:

- Excellent micro-processor control guarantees high reliability
- Buck and boost AVR for voltage stabilization
- Selectable charging current
- Auto restart while AC is recovering
- Off-mode charging
- Cold start function

LUMINOUS

MODEL	LB1000XL	LB2000XL
CAPACITY	1000 VA / 600 W	2000 VA / 1200 W
INPUT		
Voltage	220/230 VAC	
Voltage Range	140-300 VAC	
Frequency Range	50 Hz	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	220/230 VAC \pm 10%	
Frequency Range (Batt. Mode)	50 Hz \pm 1 Hz	
Transfer Time	Typical 4-8 ms	
Waveform (Batt. Mode)	Simulated Sine Wave	
BATTERY		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.5 VDC \pm 2%	27.0 VDC \pm 2%
Maximum Charge Current	5A/10A/15A/20A (Adjustable)	
INDICATORS		
AC Mode	Green lighting	
Battery Mode	Yellow flashing	
Fault	Red lighting	
PROTECTION		
Full Protection	Overload, discharge, and overcharge protection	
ALARM		
Low Battery	Sounding every second	
Overload	Sounding every 0.5 second	
Battery Replacement Alarm	Sounding every 2 seconds	
Fault	Continuously sounding	
PHYSICAL		
Dimension, D x W x H (mm)	395 x 145 x 220	
Net Weight (kgs)	9.0	13.5
ENVIRONMENT		
Operating Temperature	0-40 °C	
Operating Humidity	0-90% RH (non-condensing)	
Audible Noise	Less than 50dB	

* Product specifications are subject to change without further notice

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