

## **LUMINOUS**

Luminous founded in 1988, is one of the pioneers and global leaders in the field of power technology. Luminous has constantly set international benchmarks in terms of quality, innovation and technical excellence to deliver the best. The company has a global presence in 32 countries and provides specialized back-up power solutions across

Luminous has pioneered breakthrough innovations in Power Back-up, Power Storage, Distributed Power Generation, Renewable and Alternate Energy Solutions.

Luminous with its expertise in electricity and back-up power solutions is called a "Power Specialist Company" and is parented by a Global Specialist in the Energy Management domain.

Luminous with its unique expertise and rich experience in back-up power solutions has also diversified into the home electrical domain. Luminous now provides every household with electrical wiring, protection devices, wiring accessories and fans which conform to international standards of safety, reliability and quality to enhance the lifestyle of each consumer. Luminous has been the recipient of numerous prestigious awards including the 2016 Super Brand Award. The innovative, state of the art Luminous product range instils trust by delivering safe, reliable solutions that are miles ahead of the rest.









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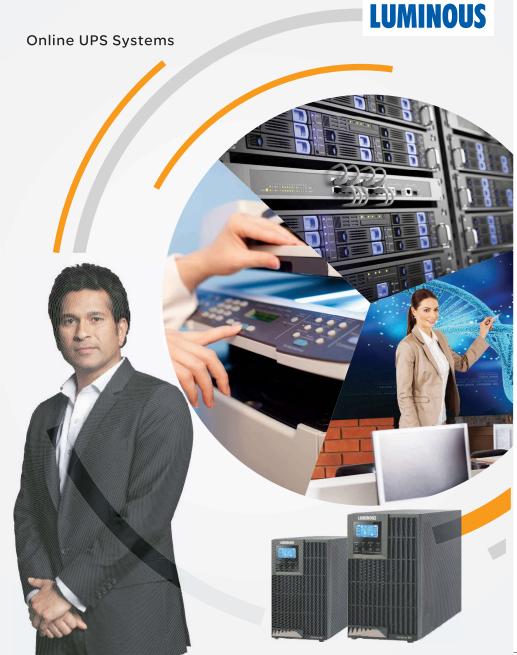
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### Online UPS Systems



# **Power Solutions for Better Productivity**

#### Saves Your Data, Protects Your Hardware & Critical Applications

Luminous Online UPS protects your mission critical applications from downtime, data loss and corruption that inevitably hamper your productivity. The Luminous Online UPS range is designed to fit perfectly into any given environment where uninterrupted power feed is required to secure and ensure continuous operations.

#### **Key Features**

- True double-conversion Online UPS
- Microprocessor control for higher reliability
- Input power factor correction
- Wide input voltage range (110 V 300 V)
- Generator compatible
- Selectable charging current allows flexibility to add any battery size
- Automatic bypass
- Emergency Power Off (EPO)

#### **Key Applications**

- IT & Networking Environments
- Server Closets/Small Data Centers
- Wiring Closets
- Enterprise Server
- ATM & Remote Branch
- Industrial Applications\*
- \* To be installed in a room which is free from humidity, chemical fumes, heat, vibrations etc.



#### **Specifications**

MODEL		LD1000	LD2000	LD3000	LD6000	LD10000
PHASE				Single phase with gr	ound	
CAPACITY (Max)		1000VA / 800W	2000VA / 1600W	3000VA / 2400W	6000VA / 4800W	10000VA / 8000W
INPUT						
Nominal Voltage		200/208/220/230 (Default) /240VAC 208/220/230/240VAC				
Input Voltage Range		110-300 VAC (Based on load at 50%)			110-300 VAC (Based on load at 50%)	
par remage mange		160-280 VAC (Based on load at 100%)			176-300 VAC (Based on load at 100%)	
Frequency Range		40Hz ~ 70Hz			46Hz~54Hz or 56Hz~64Hz	
Power Factor	r		≦ 0.99 €	Nominal Voltage (	100% load)	
OUTPUT						
Output Voltage		200/208/220/230 (Default) /240VAC 208/220/230/240VAC				
Voltage Regulation		1% (Batt.Mode)				
Frequency Range (Synchronized Range)		47Hz-53Hz or 57Hz ~ 63Hz			46Hz-54Hz or 56Hz-64Hz	
Frequency Range (Batt. Mode)		50Hz ±.0.25Hz or 60Hz ± 0.3 Hz			50Hz or 60Hz ± 0.1Hz	
Current Crest Ratio		3:1				
Harmonic Distortion		≨3 % THD (Linear Load) ≨6 % THD (Non-linear Load)			≦3 % THD (Linear Load) ≦5 % THD (Non-linear Load)	
Waveform (Batt. Mode)		Pure Sinewave				
EFFICIENCY						
AC Mode		88%	88%	90%	92%	93%
Battery Mod	e	83%	87%	88%	90%	91%
BATTERY					1	
Long-run Model	Battery Type	VRLA				
	Numbers	3	6	6	16	
Charging Current		1A/2A/3A/4A/6A ± 10% (Selectable) for all models				
INDICATORS						
LCD		Load level,	Battery level, AC m	ode, Battery mode,	Bypass mode, and Fa	ult indicators
ALARM						
Battery Mode		Every 4 seconds				
Low Battery		Every second				
Overload		Twice every second				
Fault		Continuous sound				
PHYSICAL						
Dimension, D x W x H (mm)		282x145x220	397x145x220	397x145x220	369 x 190 x 318	442 x 190 x 318
Net Weight (kgs)		4.1	6.8	7.4	12	16
ENVIRONMEN	IT					
Humidity		20-95% RH @ 0-40°C (non-condensing)			0-95% RH @ 0-50°C (non-condensing)	0-95% RH @ 0-40 (non-condensing
Noise Level		50dBA @ 1 Meter			55dBA @ 1 Meter	58dBA @ 1 Mete
MANAGEMEN	т					
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC				
Smart RS-23	32/USB	Supp	ports windows 200	0/2003/XP/Vista/2	008/7/8, Liliux, Ollix,	and MAC

Also available, long back up model LD2000 Plus with 12 Amp charger & inbuilt SNMP card. Product specifications are subject to change without further notice.