

LUMINOUS

LUMINOUS

Line Interactive & Online UPS

Founded in 1988, Luminous Power Technologies (P) Limited today is a leading company with a differentiated portfolio of solutions for packaged power, diversified generation, electrical control & safety and energy optimisation.

With over 5000+ employees, 7 manufacturing units, 28 sales offices and more than 40000 channel partners; Luminous apart from its dominating position in the domestic market also has a strong foothold worldwide. Awarded with the 'Global Superbrands' status for the year 2011-12, ISO 50001:2011 certification and MNRE-CRISIL recognition, Luminous is passionately committed to bring uninterrupted and alternate power solutions to the customers that makes their life comfortable and efficient.



Rating 'A+ Stable' - CRISIL, the renowned credit rating agency has rated the bank facilities of Rs. 263 crores (incl. proposed limits) enjoyed by LPT as 'A+ Stable' based on audited results of FY 2007-08, estimates of FY 2008-09 and projections for 2 years (only company with this rating)



Quality Systems as per ISO 9001:2000 'Quality approvals from many Telecom, Government, Defense and Computer companies in India.'



Luminous received the highly coveted Frost & Sullivan Award, marking its global presence

Frost & Sullivan Award, marking its global presence



*winner category



LUMINOUS POWER TECHNOLOGIES PVT. LTD.
C8 & C9, Community Centre, Janak Cinema Complex,
Janak Puri, New Delhi, 110058 (INDIA)
Phone: +91-11-4077822/222, Fax: +91-11-25558913
E-mail: mktg@luminousindia.com, Website: www.luminousindia.com

• Line Interactive UPS 600 VA-2 KVA
• On-line UPS Systems 0-12 KVA

SMS: LUMINOUS TO 56161

CUSTOMER CARE: 011-45500700, 1860 500 3939, 1800 103 3039

Line Interactive UPS Systems

The highly-compact power-packed UPS Systems from Luminous offer the best and most reliable data security to your small office desktops and personal computers.



Features

- Micro controller based design • Generator compatible • Smart Charge + Intelligent Continuous Battery charging profile adjustment for longer battery life and faster charging
- Auto holiday mode: Preserves battery charge while computer is switched off • Wide input voltage window • Sleep mode charging • Electronic overload protection • Visual Alarms • AudioAlarms

Technical Specifications		Duo	Solo
RATING		600VA	800VA
INPUT	Voltage Range	140V AC to 250V AC	
Output	Frequency	50Hz ±10%	
	Power	600VA	800VA
	Voltage (Battery Mode)	230V AC Nominal (110V optional)	
	Frequency (Battery Mode)	50Hz ± 1%	
	Voltage (Main AVR Mode)	220/230V ±1-10%	
Transfer Time (Typical ms)	3 ms		
DC INPUT		12V	24V
BATTERY	Type	Sealed Lead Acid Maintenance Free	
	Typical Recharge Time	4-6 Hours (upto 90% of full capacity)	
	Protection	Deep Discharge Protection	
CAPACITY	Capacity	12V 7.5Ah	12V 7.25Ah
	Quantity	1	2
PHYSICAL	Net Weight (kg) approx	4.7	8.15
	Gross Weight (kg) approx	5.0	8.60
	Dimensions (L x W x D) mm	280 x 85 x 140	
LED COLOR INDICATION	Main Normal (Switch On)	Green (Constant)	
	On Battery Mode	Green (Blinks)	
	Low Battery Pre-Alarm	Orange (Constant)	
	Overload (Bat. Low/Batt. Mode Short-Circuit Trip)	Red for 10 Sec.	
ALARMS	No Load Shutdown	Red Blinks for 10 Sec.	
	On Battery Mode	Beeps Every 30 Sec.	
	Low Battery Pre-Alarm	Beeps twice every 3 Sec.	
	Over Load/Batt. Load/Batt. Mode Short-Circuit Trip	Continuous beeping for 10 Sec.	
COMPUTER INTERFACE	DB 9 (OPTIONAL)	Bidirectional (by control) Blinks: Failure, Low Battery pre-Alarm UPS & computer shutdown	
ENVIRONMENTAL	Operating Temperature	0-40°C (32-104°F)	
	Storage Temperature	0-40°C (32-104°F)	
	Humidity	0-95% RH non-condensing	

Die to continuous product improvements, specifications are subject to change without notice.

On-Line UPS Systems

The Online UPS systems are designed to save your sensitive equipment (s) from main-lines failures, voltage fluctuations, blackouts and other electrical disturbances. UPS not only provides data security but also saves your hardware from getting damaged, thus promising smooth working hours.



Features

- Double conversion online topology
- High frequency PWM technology
- Fully microprocessor-controlled design
- Wide input voltage range
- Near unity input power factor
- Automatic bypass
- Smart self diagnosis function
- Full time lightning and surge protection
- UPS monitoring software
- SNMP Adaptor for network management (optional)

Neo series					
Model	1K-X	1K-X	2K-X	3K-X	6K-X
Capacity	1KVA (700W)	2KVA (1400W)	3KVA (2100W)	6KVA (4200W)	
INPUT					
• Rated Voltage	230V AC, Single Phase				
• Voltage Range	160V to 300V				
• Frequency	40-60Hz settable 50Hz±1-5% is default setting				
• Power Factor	>= 0.7				
OUTPUT					
• Voltage	230V±1-2% 1-Phase				
• Frequency	50±0.2Hz				
• Overload	105 to 130% after 3sec change to by pass & >130% direct shutdown. In case the bypass current is more than Circuit breaker rating, it will trip				
• Transient Voltage Regulation	<5%				
• Total Harmonic Distortion with linear load	<4%				
• Crest Factor	3:1				
DC CHARACTERISTICS					
• DC Bus Voltage Vdc	96				
• DC Ripple	96				
Charger Current External Battery	1Amp	8/4Amp	7/4Amp	1Amp	4.2/2.8/1.4Amp
Internal Battery (in case high rating charger is not used)	3/7Ah	8/7Ah	8/7Ah	8/7Ah	
ENVIRONMENTAL					
• Operating Temperature Range	0°C to 40°C				
• Relative Humidity	95% non condensing				
• Acoustic Noise	45-55 db at 1.5Mtr. Distance				
PHYSICAL					
• Dimensions (WxDxH) (mm)	145X400X220	192X462X240	192X462X240	280X570X171	
• Weight without Batteries (Kg)	13	7	15	32	33