

LUMINOUS

Founded in 1988, Luminous Power Technologies (P) Limited today is a leading company delivering high quality power products for home and commercial applications. The company's group portfolio includes Power Backup, Industrial Batteries, Renewable & Alternate Energy solutions like Solar, Wind & Hybrid solutions, Infrastructure Solutions for IT & Telecom, Diesels Generator Sets and Home Electrical Products.

Luminous apart from its dominating position in the domestic market has a strong foothold worldwide. Luminous has been consistently winning awards & accolades for market leadership and product reliability in domestic as well as international arena. With over 3000 employees, 8 manufacturing units in India and 1 manufacturing unit in China, 28 sales offices and more than 25000 channel partners, Luminous is strongly moving towards realizing its vision to be a globally admired corporation in the field of packaged power, distributed power generation, energy optimization & home electrical products.



Rating "A+ Stable" - CRISIL, the renowned credit rating agency has rated the bank facilities of Rs. 283 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."



Winner of Four Consecutive Consumer World Awards*



*Inverter category

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LUMINOUS 2011

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Performance is all about good protection.

Protect your delicate electronic equipment from blowouts, burnouts, life-shortening surges and more with Cruze UPS.



Cruze LED 675+875VA



Cruze 3.5KVA



Cruze 10KVA

These state of the art sine wave long back up UPS are especially designed to provide comfortable and hassle free life. Their impeccable functioning, outstanding design and powerful performance are a result of rigorous research and development and most innovative technology being used in the manufacturing process. These power back up devices are specially designed to provide safety to the sensitive and high end equipments and secure them during irregular power situations. To add to this, 24x7 service support & least amount of maintenance makes these offering a value for money proposition.



- Pure sine wave output for low noise and smooth operation
- SMD based design for better product reliability
- LED display for proper indication
- MCB to provide absolute safety
- Adaptive Battery Charging Control (ABCC) Technology to avoid the overcharging of aged or faulty batteries
- Minimum changeover time from inverter to Mains mode (synchronized changeover)
- Thermal protections for safety against high internal product temperature
- No load shutdown feature to protect deep discharge of battery and increasing life
- Intelligent battery low cutoff to maintain the longer battery life



TECHNICAL SPECIFICATION					
	RATING	675 VA	875 VA	1500 VA	
Input	Regulated UPS Mode				
	Undervoltage	180±5V			
	Undervoltage Restoration	185±5V			
	Overvoltage	260±5V			
	Undervoltage Restoration	255±5V			
	Unregulated UPS mode				
	Undervoltage	100±10V			
	Undervoltage Restoration	115±10V			
	Overvoltage	285±10V			
	Overvoltage Restoration	270±10V			
Output	Maximum Power	675 VA	875 VA	1500 VA	
	Voltage (UPS Mode)	Sine Wave 230 V (Nominal)			
	Voltage (Mains Mode)	Same as Input			
	Frequency (UPS Mode)	50 Hz ± 2%			
	Frequency (Mains Mode)	Same as Input (45-55 Hz.)			
	Overload	> 110 %			
	Transfer Time (typical a.s)	10 ms.			
Battery	Type	120 AH- 150AH Lead Acid Type			
	Number	1	1	2	
	Typical Recharge Time	10-12 Hrs.			
Display	Protection	LOW BATTERY, REVERSE POLARITY			
	Switch On	Green			
	Switch Off/Stand by	Amber			
	UPS ON	White			
	Low Battery Pre-Alarm	UPS ON & LOW Battery LED			
	Battery Low	White			
	Mains ON	White			
	Smart Charge	Red(Along with MAINS ON LED)			
	Overload	White Steady			
	Short Circuit	Overload White LED blinking			
	MCB Trip	Smart Charge blinking			
	Alarms	Low Battery Pre-Alarm	Beeping every 10 seconds		
		Low Battery	Beeping every 10 seconds		
Overload		Continuous beeping for 10 seconds			
No Load Shut Down		Continuous beeping for 10 seconds			
Short Circuit		Continuous beeping for 10 seconds			
Environmental	Operating Temperature	0-40° C (32-104° F)			
	Storage Temperature	0-40° C (32-104° F)			
	Humidity	0-95 % RH non-condensing			

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

Luminous Cruze higher capacity sine wave inverters are custom made to cater to electrical applications with higher loads. Striking aesthetics and super efficient, this range of inverters is ideal to run sophisticated and expensive equipments in Offices, Banks, Hospitals, BPO's, Call Centers, Multiplexes, Shopping malls, IT Sector, etc. They provide smooth, noise free and environment friendly functioning. They require very low maintenance without any threat of frequent wear and tear of mechanical parts. Also, the output power quality in the Cruze range of inverters is very good which makes them very safe for all kinds appliances.



- Pure sine wave output for low noise and smooth operation
- SMD based design for better product reliability
- Seven segment display (2/2.5/3.5KVA) & LCD display (5/6/7.5/10KVA) for proper indication
- MCB to provide absolute safety
- Electronic protection against short circuit
- Minimum changeover time from inverter to Mains mode (synchronized changeover)
- Thermal protections for safety against high internal product temperature
- Static bypass system for fast changeover & reliability
- No load shutdown feature to protect deep discharge of battery and increasing life
- Intelligent battery low cutoff to maintain the longer battery life

TECHNICAL SPECIFICATION					
	2KVA	2.5KVA	3.5KVA		
Input	Regulated UPS Mode				
	Undervoltage	180 ± 5 V			
	Undervoltage Restoration	185 ± 5 V			
	Overvoltage	260 ± 5 V			
	Overvoltage Restoration	255 ± 5 V			
	Unregulated UPS Mode				
	Undervoltage	100 ± 10 V			
	Undervoltage Restoration	115 ± 10 V			
	Overvoltage	285 ± 10 V			
	Overvoltage Restoration	270 ± 10 V			
Output	Maximum Power	2KVA	2.5KVA	3.5KVA	
	Voltage (UPS Mode)	230 V Nominal			
	Voltage (Mains Mode)	Same as Input			
	Frequency (UPS Mode)	50 Hz ± 2 %			
	Frequency (Mains Mode)	Same as Input (45-55 Hz.)			
	Overload	> 110 %			
	Transfer Time (typical a.s)	10 ms			
Battery	Type (Lead Acid)	120Ah-240Ah	120Ah-240Ah		
	Number	2	3/4	4	
	Typical Recharge Time	10-12 Hrs.			
Display	Protection	Low Battery, Reverse Polarity			
	UPS ON	G			
	Battery Low	L o			
	Mains On	R C			
	Smart Charge	C H			
	Battery Charged	[]			
	Overload	O L (Steady)			
	No Load	n L			
	Overtemperature	t h			
	Short Circuit under Battery Mode	S C (Blinking)			
	MCB TRIP or Short Circuit under Mains Mode	M C			
	Alarms	Low Battery Pre-Alarm	One beep every 10 seconds		
		Low Battery	Continuous Beeping		
Overload		Continuous Beeping			
No Load Shut Down		Continuous Beeping			
Short Circuit		Continuous Beeping			
Environmental	Operating Temperature	0-40° C (32-104° F)			
	Storage Temperature	0-40° C (32-104° F)			
	Humidity	0-95 % RH non-condensing			

Due to continuous product improvements, specs are subject to change without notice.