



Driven by Excellence, Powered by Innovation.



Luminous LD6000T and LD10000T UPS are designed specifically to cater to the backup power requirements of the SMB and Enterprise segment. This innovative line of power backup units are equipped with galvanic isolation design to withstand all kinds of load and have fully coated PCBAs to ensure optimum performance in harsh environments. The LDT series is the ideal choice for enterprises specializing in the medical and print domains.

Features

- Galvanic isolation design to withstand all kinds of load
- Unique ventilation design for effective heat dissipation
- Fully coated PCBAs to optimally work in harsh environments
- High short-circuit and overload capabilities
- Wide input voltage and frequency range to ideally work in harsh environments
- Built-in Maintenance bypass switch
- Output power factor 0.8

MODEL	LD6000T	LD10000T
PHASE	Single phase with ground	
Capacity	6KVA/4.8KW	10KVA/8KW
INPUT		
Nominal Voltage	208VAC/220VAC/230VAC	
Voltage Range	165VAC ~ 285VAC @ 16 pcs of batteries 185VAC ~ 285VAC @ 18 pcs of batteries	
Frequency Range	40Hz ~ 55Hz @ 50Hz system 56Hz ~ 64Hz @ 60Hz system	
OUTPUT		
Output Voltage	208VAC/220VAC/230VAC	
Voltage Regulation	± 1%	
Frequency Range (Synchronized Range)	45~55Hz or 56~64Hz	
Frequency Range (Batt. Mode)	50Hz ± 0.1Hz or 60Hz ± 0.1Hz	
Current Crest Ratio	3:1	
Harmonic Distortion	≤ 3% THD (Linear Load) ≤ 5% THD (Non-Linear Load)	
Transfer Time	AC to DC	zero
	Inverter to Bypass	zero
Waveform (Batt. Mode)	Pure Sine Wave	
EFFICIENCY		
AC Mode	88%	
Battery Mode	92%	
BATTERY		
Numbers	16 pcs (192VDC)	
Charging Current (max.)	Default: 8A ± 10%; Max 2A, 4A, 8A (Adjustable)	
Charging Voltage	218.4V ± 1%	
INDICATORS		
LCD Panel	Load level, Battery level, AC mode, Battery mode, Bypass mode and Fault indicators	
ALARM		
Battery Mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding twice every second	
Fault	Continuously sounding	
PHYSICAL		
Dimension, D X W X H (mm)	562 x 250 x 830	
Net Weight (kgs)	62	86
ENVIRONMENT		
Operating Temperature	0 ~ 50°C (battery life cycle will be shorter when temperature is above 25°C)	
Operating Humidity	<95% and non-condensing	
Noise Level	Less than 60dB @ 1 Meter	
MANAGEMENT		
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Unix, Linux and MAC	
Dry Contact	Five signals: AC failure, low battery, UPS alarm, bypass and UPS fault	
Optional SNMP	Power management from SNMP manager and web browser	

* Product specifications are subject to change without further notice

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