

Luminous LD3000-INX Online UPS



Smart Protection. Seamless Power.

Stay powered and protected with Luminous LD Series UPS Systems-built for reliability when it matters most. The advanced Online design ensures your equipment always runs on clean, stable inverter power, shielding it from voltage drops, surges, and interruptions. Experience seamless power continuity and total peace of mind for all your critical applications.

What Makes Us Stand Out

-  Locally Made: Proudly manufactured in India for faster delivery and national support.
-  User-Friendly Design: Simple to use and quick to implement in diverse applications.
-  Government Certified: Available on GeM for easy procurement.
-  Tender Compliant: Meets all government standards and documentation needs.
-  Reliable Partnerships: Backed by a strong network of trusted distributors.

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)

Applications



Emergency lighting in
Airports, Malls, Societies,
Highways, Banks and hospitals



IT Equipment like Routers,
modems, switches



POS



Personal Computer Setup,
Desktops



CAPACITY		3000 VA / 2400 W
INPUT		
Voltage Range	Low Line Transfer	160VAC/140VAC/120VAC/110VAC ± 5% (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	Low Line Comeback	175VAC/155VAC/135VAC/125VAC ± 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)
	High Line Transfer	280 VAC ± 5 %
	High Line Comeback	270 VAC ± 5 %
Frequency Range		40Hz ~ 70 Hz
Phase		Single phase with ground
Power Factor		≥ 0.99 @ nominal voltage (input voltage)
OVCD		Implemented, Cut-off when input voltage 100Vac and 280Vac
OUTPUT		
Output voltage		200/208/220/230(Default)/240VAC
AC Voltage Regulation		±1% (Batt. Mode)
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz
Overload		100%~110%: audible warning 110%~130%: UPS shuts down in 60 seconds at battery mode or transfer to bypass when the utility is normal >130%: UPS shuts down immediately to battery mode or transfer to bypass mode when the utility is normal
Current Crest Ratio		3:1
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Harmonic Distortion		≤ 3 % THD (linear load)
		≤ 6 % THD (non-linear load)
EFFICIENCY		
AC mode		> 90%
Transfer Time	AC Mode to Batt. Mode	Zero
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave
BATTERY		
Battery Type & VDC		12V SMF/VRLA & 72V
Charging Current		1.0A/2.0A/4.0A/6.0A(Default) ±10% (12A optional)
Charging Voltage		82.1 VDC ±1%
PHYSICAL		
Dimension, D X W X H (mm)		397 X 145 X 220
Net Weight (kgs)		7.4
ENVIRONMENT		
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 50dBA @ 1 Meter
MANAGEMENT		
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC
Optional SNMP		Power management from SNMP manager and web browser