

# LTX II SERIES 5 - 10 KVA Online UPS (1 Ph - 1 Ph) Transformer Based



## Features

Advanced Technology: DSP based control for power and monitoring.  
IGBT (insulated gate bipolar transistor) inverter technology  
Pure sine wave output,  
True on-line dual conversion design for UPS  
Wide Input Range, Robust Design for Harsh Environment  
With Isolation Transformer at Output  
Engineered Design, Easy for Maintenance and Minimize MTTR  
sheet enclosure for better aesthetics and consistency  
Static Bypass switch available on demand.  
Perfect protection, Input/output over/low voltage protection,  
input surge protection, phase sequence protection, batteryover  
charge/discharge protection, short circuit protection\*, over-temperature  
protection displayed on LCD display with alarm function.  
Excellent load feature, It is completely capable to load from 0-100%  
Specifications can be customized to suit specific requirements.  
Designed and manufactured in India.

### **Application areas:**

- Computer and Data Centers.
- Process Control in Industries like CNC, Lazor
- Broadcasting / SAT systems
- Internet Service Provider
- Safety System in Power Plants
- Medical Imaging Equipments, like MRI, CT scan, lazoretc
- Elevator backup and rescue operations
- Banks and ATM centers
- Frequency and voltage converters to suit different world wide voltages and frequencies
- Applications requiring Constant frequency and constant voltage

## CONTACT US

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## Technical Specifications

Model	LTX II SERIES
Rating	5KVA / 6KVA / 7.5KVA / 10KVA
AC INPUT	230V + 20% -15%, Single Phase Input
Frequency	50Hz $\pm$ 6%
DC VOLTAGE:	120/144/180/192V DC
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC (Constant Current Constant Voltage type)
<b>INVERTER:</b>	
Technology	DSP based, IGBT Switching
Output Voltage	230V AC single Phase
Voltage Regulation	$\pm$ 1 %
Frequency	50Hz $\pm$ 0.1Hz
Waveform	PWM Sine wave
Harmonic Distortion	Less than 3% on Linear Load
Inverter Efficiency	Upto 80%
Power Factor	0.8
Overload	110 % for 5 min, 150% for 30 sec
Crest Factor	3 : 1
Audible Noise	Less than 55 dB at 1 Meter
<b>DISPLAY :</b>	
Digital LCD Display for	Input and Output Voltages, Output currents & Frequency, DC Voltage , Battery and Load Percentage and All Faults
<b>GENERAL:</b>	
Operating temperature	0°C to 40°C
Humidity	Max 95%, Non-condensing
<b>PROTECTIONS :</b>	Output Overload & Short circuit, Output Under & Overvoltage, DC Under & Overvoltage, Mains Under & Overvoltage
<b>INDICATIONS &amp; ALARMS:</b>	
a) Mains on	LED Indication
b) Inverter	LED Indication
c) Batt Low	LED Indication & Alarm
d) Fault	LED Indication & Alarm
e) Overload	LED Indication & Alarm

\* Specifications are subject to change without prior notice due to constant improvement in design & technology

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