

SMLR II SERIES

5- 10KVA (1 PH - 1 PH UPS) UPS TRANSFORMER BASED

VIVATK

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, battery over 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, lazor etc
- * 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

 **Anushri Systech Private Limited**

An ISO 9001:2008 Certified Company

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MODEL		LTX II SERIES
Rating	5KVA/ 6KVA / 7.5KVA / 10KVA	
AC INPUT	230V + 20% - 15%, Single Phase Input	
Frequency	50Hz ± 6%	
DC VOLTAGE	120/144/180/192 (Factory Settable)	
Charging Time	12 Hours for 90% of full Capacity	
Charger Type	CVCC (Constant Current Constant Voltage type)	
INVERTER		
Technology	DSP based, IGBT switching	
Output Voltage	230V AC single phase	
Voltage Regulation	± 1%	
Frequency	50Hz ± 0.1Hz	
Waveform	PWM Sine wave	
Harmonic Distortion	Less than 3% on Linear Load	
Inverter Efficiency	Upto 90%	
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	
DISPLAY		
Digital LCD Display for	Input and Output Voltages, Output Currents & Frequency, DC Voltage, Battery and Load Percentage and All Faults	
GENERAL		
Operating temperature	30° to 40°	
Humidity	Max 95%, Non-condensing	
Protections	Output Overload & Short circuit , Output Under & Overvoltage , DC Under & Overvoltage, Mains Under & Overvoltage	
INDICATIONS & ALARMS		
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	

*** All specifications Subject to change without notice**