SMLR II SERIES

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

VIVATEK

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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Technical Specification

VIVATEK

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**

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