

SMLR SERIES

10- 50KVA (3 PH - 1 PH UPS) ONLINE 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
- * CNC Fabricated sheet enclosure for better aesthetics and consistency
- * Three phase separate control, realizes the control of instantaneous over-loading balance, so as to reach 100% unbalanced load in three phase UPS
- * Intelligent communication optional SNMP and dry contact. 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



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.

 **Anushri Systech Private Limited**

An ISO 9001:2008 Certified Company

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Model	10KLTX31-50KLTX31
Rating	10KVA -50KVA
AC INPUT	415V \pm 15%, Three Phase Input
Frequency	50Hz \pm 6%
DC VOLTAGE:	360/384 VDC (Factory settable)
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC (Constant Current Constant Voltage type)
INVERTER	
Technology	DSP based, 1GBT 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 90% below 30KVA and upto 93% for 30 to 50KVA
Power Factor	19:12:00
Overload	110 % for 5 min, 150% for 30 sec
Crest Factor	03:01:00
Audible noise	Less than 65 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	0°C to 40°C
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
Batt Loc	LED Indication & Alarm
Fault	LED Indication & Alarm
Overload	LED Indication & Alarm
OPTIONAL	
Communication	SNMP
Bypass	Static Switch

* All specifications Subject to change without notice