

VLTRN-IN33 Three-phase Industrial Online UPS

1-40kva (380V,400V,415V)



VOLTRAN

Voltran VLTRN-IN33 industrial UPS (Uninterruptible Power Supply) is a critical power protection device designed to ensure continuous and reliable power supply for sensitive industrial equipment and processes. Engineered for demanding environments, these UPS systems deliver high-quality, stable power, safeguarding equipment from power fluctuations, surges, outages, and other electrical disturbances. With advanced technology and robust construction, Voltran industrial UPS units help maintain operational efficiency, minimize downtime, and protect valuable assets in manufacturing plants, data centers, automation systems, and other industrial applications



APPLICATION

Industrial, Petroleum, chemical industry, gas and Power station and sub-Stations

FEATURES

- ◆ Adopt full digital control technology
- ◆ Intelligent detection and monitoring function
- ◆ Digitally control the static switch with zero switch
- ◆ Full isolation between input and output
- ◆ Super low output zero earth voltage
- ◆ DC UPS isolated with utility power completely
- ◆ Cubical design with power standard (customization)
- ◆ Multifunctional protection for over-voltage, under voltage, over current, short circuit and over temperature and so on
- ◆ Large-screen LCD monitor with Chinese and English operation interface
- ◆ Ultra-long 256 event record, user-friendly analysis and management to the situation of the power supply (touch screen display)
- ◆ Static bypass has a strong anti-overload capability

STANDARDS

- ◆ IEC EN 62040, EN60950
- ◆ EMC (2004/108/EC)
- ◆ ISO 9001
- ◆ CE conformity
- ◆ GOST conformity

CONSTRUCTION

- ◆ Transformerless design
- ◆ Modular DSP controls
- ◆ Overload & short circuit protection
- ◆ RS232 Port ,USB,SNMP and Dry Contacts.

OTHER FEATURES

- ◆ True online double conversion
- ◆ Self diagnostics on startup
- ◆ Cold start
- ◆ ECO mode for high efficiency
- ◆ Compatible with generator
- ◆ Lightning & surge protection
- ◆ Paralleling option
- ◆ Emergency Power Off (EPO) Function

SUPPORT

- ◆ 10 years spare parts availability
- ◆ Standard 1 year warranty
- ◆ Optional 2 year warranty



SPECIFICATION

Model	VLTRN IN-3310	VLTRN IN-3315	VLTRN IN-3320	VLTRN IN-3330	VLTRN IN-3340
Capacity	10KVA/8KW	15KVA/12KW	20KVA16KW	30KVA/24KW	40KVA/32KW
Rated voltage	380/400/415 Vac three-phase				
Voltage range	±20%				
Frequency range	50/60HZ±5%				
Power factor	≥0.8				
Current harmonic distortion	<5%with harmonic filter				
Soft Start	0-100% in 10"				
Rated voltage	220/230/240 Vac single-phase				
Permitted voltage range	±15%(selectable from ±10% to±25% from front panel)				
Rated frequency	50/60Hz				
Permitted frequency range	±2%(selectable from ±1% to 5% from front panel)				
Standard features	BackFeed portection;split bypass line				
Type	Maintenance-free lead-acid VRLA AGM/GEL;NiCd				
Maximum recharge current(A)	0.2 X C10				
DC Voltage	384VDC				
AC ripple voltage	<1%				
Number of phases	1				
Rated voltage(V)	230Vac single-phase				
Regulation of the output voltage	220~244Vac phase/neutral(from control panel)				
Crest factor(Ipeak/Irms)	3:1				
Static stability	±1%				
Dynamic stability	±5%				
Frequency	50/60Hz configurable				
Overload	110% 125% 150% of the rated current for 5h/10'/1'				
Frequency stability	±0.05% on mains failure				
Remote signaling	Volt free contacts				
Remote controls	EPO and Bypass				
Communication	RS232+romote contacts				
Operation temperature	0℃/+40℃				
Relative humidity	<95% non condensing				
Colour	Light grey (RAL7035)				
Noise	54dBA at 1m		60dBA at 1m		65dBA at 1m
Protection degree	IP42				
Efficiency Smart Mode	up to 98%				
Compliance	Safty: EN 62040-1-1(Directive 2006/95/EC);EMC:6200-2(Directive 2004/108/EC)				
Weight(KG)N.W	410		445	536	650
Dimension W*D*H(mm)	600*800*1900(2050)				