

UL33-TX Series Tower Online UPS

10-40kVA (380V/400V/415V)

UL33-TX series in-built transformer three phase UPS applies advanced technology that increases performance and reliability: two high speed DSPs with completed digital control fully ensure high quality of power supply, high input power factor and low input current distortion. With in-built transformer, the UL33-TX is providing more safety to critical load.



Application

- IDC(Internet Data center), ISP, IT Room, Service Center
- Precision instruments, Intelligent equipments

Features

- In-built galvanic isolation transformer
 - High input PF > 0.99; Input current THDi < 4%
 - Multi-protection, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
 - Four circuit breakers, providing full protection when fault happens
- Battery cold start
 - Battery management: smart charging control, auto maintenance, greatly extend the battery life
 - Friendly operation interface, high-resolution LCD screen

Specification

MODEL			UL33-10-TX	UL33-20-TX	UL33-30-TX	UL33-40-TX
System Capacity			10kVA	20kVA	30kVA	40kVA
Input	Dual Input		Standard			
	Phase		3 Phase+Neutral+Ground, 380V/400V/415V (line-line)			
	Input Voltage Range		304~478Vac (line-line), full load; 228V~304Vac (line-line), load decreases linearly according to the min. phase voltage			
	Rate Frequency		50/60Hz			
	Input Frequency Range		40Hz ~ 70Hz			
	Input PF		>0.99			
	Input THDi		<4%	<3%		
Bypass	Rate Voltage		380/400/415Vac (line-line)			
	Rate Frequency		50/60Hz			
	Input Voltage Range		Settable, -40% ~ +25%			
	Bypass Frequency Range		Settable, ±1Hz, ±3Hz, ±5Hz			
	Bypass Overload		125% long term operation; 130% for 10 mins; 150% for 1 min			
Output	Rate Voltage		380/400/415Vac (line-line)			
	Voltage Regulation		1% for balance load; 1.5% for unbalance load			
	Rate Frequency		50/60Hz			
	Frequency Precision		0.1%			
	Output PF		0.9			
	Output THDu		<1%, Linear load; <5.5%, Non-linear load			
	Crest Factor		3:1			
	Inverter Overload		110% for 1 hour; 125% for 10 mins; 150% for 1 min; >150% for 200 ms			
Battery	Voltage		±240Vdc			
	Battery Number		40pcs (Settable: even number from 32 to 44)			
	Voltage Precision		±1%			
	Charge Power		up to 20% * Output active power			
	Battery Cold Start		Optional			
System	Efficiency	AC Mode	92.0%			
		ECO Mode	95.0%			
		Battery Mode	92.0%			
	Display		LCD + LED + keyboard			
	IP Class		IP 20			
	Interface		RS232, RS485			
	Option		SNMP Card, Parallel kit, USB, Programmable Dry Contact			
	Temperature		Operation: 0 ~ 40 °C Storge: -40 ~ 70 °C			
	Relative Humidity		0 ~ 95% Non-condensing			
	Altitude		<1000m. Within 1000m to 2000m, 1% power derating for every 100m rise			
	Noise (1 meter)		55dB @ 50% load			
	Applicable Standards		Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3			
	Physical	Weight (kg)		200	220	240
Dimension W*D*H (mm)		250*658*955	350*757*1335	350*757*1335	500*840*1400	