

## HT33-TX Series Tower Online UPS

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

HT33-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 HT33-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
- Parallel up to 8 units
- Friendly operation interface, high-resolution LCD screen

### Specification

MODEL	HT33010X-TX	HT33020X-TX	HT33030X-TX	HT33040X-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		
Bypass	Input THDi	<4%	<3%	
	Rate Voltage	380/400/415Vac (line-line)		
	Rate Frequency	50/60Hz		
	Input Voltage Range	Settable, -40% ~ +25%		
	Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz		
Output	Bypass Overload	125% long term operation; 130% for 10 mins; 150% for 1 min		
	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		
Battery	Inverter Overload	110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms		
	Voltage	±240Vdc		
	Battery Number	40pcs (Settable: even number from 32 to 44)		
	Voltage Precision	±1%		
	Charge Power	up to 20% * Output active power		
System	Battery Cold Start	Optional		
	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 Storage: -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