

HT33 Series Tower Online UPS 10-40kVA (380V/400V/415V)

HT33 series UPS applies advanced technology that increases performance and reliability: two high speed DSPs with completed digital control to ensure high quality of power supply, high input power factor and low input current distortion.



Application

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

Features

- High efficiency, up to 96%
- 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 with smart charging control, greatly extend the battery life
- Parallel up to 8 units
- Friendly operation interface, high-resolution LCD screen

Specification

MODEL	HT33010XS	HT33015XS	HT33020XS	HT33030XS	HT33040XS	
	HT33010XL	HT33015XL	HT33020XL	HT33030XL	HT33040XL	
System Capacity	10kVA	15kVA	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% (100% Linear load)		<3% (100% Linear load)		
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	1		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	95.0%		96.0%	
		ECO Mode	98.0%			
		Battery Mode	95.0%		96.0%	
	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)	51.5	51.5	89	89	140
	Dimension W*D*H (mm)	250*840*715	250*840*715	350*738*1335	350*738*1335	500*840*1400
		250*660*530	250*660*530	250*680*770	250*680*770	250*836*770