

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 HT33010XL	HT33015XS HT33015XL	HT33020XS HT33020XL	HT33030XS HT33030XL	HT33040XS HT33040XL
System Capacity	10kVA	15kVA	20kVA	30kVA	40kVA
Dual Input Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)				
Input Voltage Range	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)				
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				
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				
Output THDU	0.9				
Crest Factor	<1% , Linear load; <5.5%, Non-linear load				
Inverter Overload	3:1				
Voltage	110% for 1 hour; 125% for 10 mins; 150% for 1 min; > 150% for 200 ms				
Battery Number	±240Vdc				
Voltage Precision	40pcs (Settable: even number from 32 to 44)				
Charge Power	±1%				
Battery Cold Start	up to 20% * Output active power				
Efficiency	Optional				
AC Mode	95.0%				
ECO Mode	98.0%				
Battery Mode	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 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				
Weight (kg)	51.5	51.5	89	89	140
Dimension W*D*H (mm)	31	31	50	52	61
	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