

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
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA
INPUT					
Phase	3Ph+N+PE,380V/400V/415V(line-line)				
Voltage range	304-478Vac (line-line),full load; 228V-304Vac (line-line),load decrease linearly according to the min phase voltage				
Frequency range	40-70Hz				
THDi	<4%		<3%		
Power factor	>0.99				
OUTPUT					
Voltage	380/400/415VAC (line-line)				
Voltage regulation	1% for balance load; 1.5% for unbalance load				
THDu	<1% (linear load),<5.5% (non-linear load)				
Power factor	1.0		0.9		
Frequency range	50/60Hz				
Frequency precision	0.01%				
Overload capability	110% for 60 min; 125% for 10 min;150% for 1 min;>150% for 200 ms				
BATTERY					
Voltage	±240VDC				
Charge power	20%*System Power				
Voltage precision	1%				
SYSTEM					
System efficiency	Normal	95%	95%	96%	96%
	Battery	94.5%	95%	96%	96%
Display	LCD + LED + Keyboard				
IP Class	IP20				
Interface	Standard: RS232, RS485,Dual input kit; Option: SNMP, Dry contacts, Parallel kit, Battery cold start				
Operation temperature	0-40°C				
Relative humidity	0-95%(non-condensing)				
Noise	<55dB (1 meter away)				
PHYSICAL					
Weight(kg)	51.5	51.5	89	89	140
	31	31	50	52	61
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

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	HT33060X-TX
Capacity	10kVA	20kVA	30kVA	40kVA	60kVA
INPUT					
Phase	3Ph+N+PE,380V/400V/415V(line-line)				
Voltage range	304-478Vac (line-line),full load; 228V-304Vac (line-line),load decrease linearly according to the min phase voltage				
Frequency range	40-70Hz				
THDi	<4%		<3%		
Power factor	>0.99				
OUTPUT					
Voltage	380/400/415VAC (line-line)				
Voltage regulation	1.5%				
THDu	<1% (linear load), <5.5% (non-linear load)		<1%(linear load),<5%(non-linear load)		
Power factor	0.9				
Frequency range	50/60Hz				
Frequency precision	±0.01%				
Overload capability	110% for 60 min; 125% for 10 min;150% for 1 min;>150% for 200ms				
BATTERY					
Voltage	±240VDC				
Charge power	20%*System Power				
Voltage precision	1%				
SYSTEM					
System efficiency	Normal mode: 92%				
	ECO mode: 95%				
	Battery mode: 92%				
Display	LCD + LED + Keyboard				
IP class	IP20				
Interface	Standard: RS232, RS485,Dual input kit; Option: SNMP, Parallel kit, Battery cold start				
Operation temperature	0-40℃				
Relative humidity	0-95%(non-condensing)				
Noise	<55dB (1 meter away)				
PHYSICAL					
Weight(kg)	200	220	240	300	330
Dimension (W*D*H)(mm)	350*738*1335			500*840*1400	600*980*1800