

HT33 Series Tower Online UPS 60-500kVA (380V/400V/415V)

HT33 series three phase UPS offers advanced technology that increase performance and reliability: three high speed DSPs with completed digital control fully ensure high quality of power supply, high input power factor and low input current distortion. It also offers humanization design: full front access of serviceability and user friendly interface.



Application

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

Features

- High efficiency, up to 96%
- High input PF>0.99; Input current THDi<3%
- Multi-protection, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
- Battery cold start
- Battery management with smart charging control, greatly extend the battery life
- High power density
- Parallel up to 1500kVA
- Modular design of subsystem, convenient for field maintenance
- Friendly operation interface, color touch LCD screen

Specification

MODEL	HT33060X	HT33080X	HT33090X	HT33100X	HT33120X	HT33150X	HT33200X	HT33250X	HT33300X	HT33400X	HT33500X
Capacity	60kVA	80kVA	90kVA	100kVA	120kVA	150kVA	200kVA	250kVA	300kVA	400kVA	500kVA
INPUT											
Phase	3Phase+N+PE,380V/400V/415V(line to 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	<3%(Full linear load)										
Power factor	>0.99										
OUTPUT											
Voltage	380V/400V/415V(line to line)										
Voltage regulation	1% for balance load; 1.5% for unbalance load										
THDu	<1%(linear load),<5.5%(none-linear load)										
Power factor	0.9										
Frequency range	50/60Hz										
Frequency precision	0.01%										
Overload capability	110% for 1 hour; 125% for 10 min ;150% for 1 min; >150% for 200 ms										
BATTERY											
Voltage	±240VDC										
Charge power	20%*System Power										
Voltage precision	1%										
SYSTEM											
Efficiency	Normal	95.5%	96%	95.5%	96%	95.5%					96%
	Battery	95%	96%	95%	96%	95%					96%
Display	Color LCD touch screen+ LED+ Keyboard										
IP class	IP20										
Interface	Standard: RS232, RS485,USB, Dry contact(programmable) Option: SNMP,AS400, Parallel kit, Battery cold start(standard for 250kVA above), Lightning protection components, Dust filter, LBS										
Operation/storage	0-40°C/-40-70°C										
Relative humidity	0-95%(non-condensing)										
Noise	68dB @ 100% load, 65dB @ 45% load						72dB @ 100% load, 69dB @ 45% load				
PHYSICAL											
Weight(kg)	170	210	231	210	266	305	350	445	490	810	900
Dimension(W*D*H)(mm)	600*980*950	600*980*1150	600*980*1400	600*980*1150	600*980*1400	650*960*1600	650*960*1600	650*960*2000	650*960*2000	1300*1100*2000	1300*1100*2000