

## HT33015XS Tower Online UPS

15kVA (380V/400V/415V)

HT33015XS 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		HT33015XS	
System Capacity		15kVA	
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 )	
Bypass	Rate Voltage	380/400/415VAC (line-line)	
	Rate Frequency	50/60Hz	
	Input Voltage Range	Settable, -40% ~ +25%	
	Bypass Frequency Range	Settable, $\pm 1$ Hz, $\pm 3$ Hz, $\pm 5$ Hz	
	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	
	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	$\pm 240$ VDC	
	Battery Number	40pcs (Settable: even number from 32 to 44)	
	Voltage Precision	$\pm 1$ %	
	Charge Power	up to 20% * Output active power	
	Battery Cold Start	Optional	
System	Efficiency	AC Mode	95.0%
		ECO Mode	98.0%
		Battery Mode	95.0%
	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, power derate 1% for every 100m rise	
	Noise (1 meter)	55dB @ 50% load	
	Applicable Standards	Safety: IEC/EN 62040-1-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3	
Physical	Weight (kg)	51.5	
	Dimension W*D*H (mm)	250*840*715	