

HT33060X Tower Online UPS

60kVA (380V/400V/415V)

HT33060X 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						
System Capacity		60kVA						
Input	Dual Input	Standard						
	Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)						
	Input Voltage Range	304~478Vac (line-line),full load;						
	Rate Frequency	228V~304Vac (line-line),load decreases linearly according to the min phase voltage						
	Input Frequency Range	50/60Hz						
		40Hz ~ 70Hz						
	Input PF	>0.99						
	Input THDi	<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 >150% for 300ms						
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	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%
		ECO Mode						99%
		Battery Mode						95%
	Display	10.4" touch screen LCD + LED + keyboard						
	IP Class	IP 20						
	Interface	RS232,RS485, Programmable Dry Contact, USB						
	Option	SNMP Card, Parallel kit, SPD, LBS, Dust filter						
	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)	65dB @ 100% load, 62dB @ 45% load						
	Applicable Standards	Safety: IEC/EN 62040-1-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3						
Physical	Weight (kg)						170	
	Dimension W*D*H (mm)						600*980 *950	