



INVT Power System

Power Solution Specialist



HT33030XS Tower Online UPS

30kVA (380V/400V/415V)

HT33030XS 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		HT33030XS
System Capacity		30kVA
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	<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, ± 1 Hz, ± 3 Hz, ± 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	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	± 240 Vdc
	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: 98% 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, 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
Physical	Weight (kg)	89
	Dimension W*D*H(mm)	350*738*1335

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