



IPC Mühendislik Elektrik Elektronik San. ve Tic. Ltd. Şti.

## **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 fully ensure high quality of power supply.

## **FEATURES**

High Efficiency, up to 96%

- High input PF>0.99; Input current THDi<3%
- Multi-protection, as temperature, overload, battery under voltage, fan failures, short-circuit
- Four circuit breakers, providing full protection when fault happens battery cold start
- Full DSP control
- Battery management: smart charging control, auto maintenance, greatly extend the battery life
- Parallel up to 8 units
- Friendly operation interface, high-resolution LCD screen



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## TECHNICAL SPECIFICATIONS

MODEL	HT33010XS	HT33015XS	HT33020XS	HT33030XS	HT33040XS
	HT33010XL	HT33015XL	HT33020XL	HT33030XL	HT33040XL
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA
<b>INPUT</b>					
Phase	3Ph+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	<4%		<3%		
Power factor	>0.99				
<b>OUTPUT</b>					
Voltage	380/400/415VAC (Line-Line)				
Voltage regulation	±1%				
THDu	<1% (linear load), <5.5% non-linear load according to IEC/EN62040-3		<1%(linear load),<5%(none-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 200ms				
<b>BATTERY</b>					
Voltage	±240VDC				
Charger power	20%*System Power				
Voltage precision	1%				
<b>SYSTEM</b>					
System efficiency	Normal	95%	95%	95%	96%
	Battery	94.5%	95%	95%	96%
Display	LCD + LED + Keyboard				
IP class	IP20				
Interface	<b>Standard:</b> RS232, RS485,Dual input kit; <b>Option:</b> SNMP, Dry contact,, Parallel kit, Battery cold start				
Operation Temperature	0-40°C				
Relative humidity	0-95%(Non condensing)				
Noise	<55dB (1 meter away)				
<b>PHYSICAL</b>					
Weight(Kg)	51.5 31	51.5 31	89 50	89 52	140 61
Dimension (W*D*H)	250*840*715 250*660*530	250*840*715 250*660*530	350*738*1335 250*680*770	350*738*1335 250*680*770	500*840*1400 250*836*770