

Tower Online UPS 10-40kVA



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%**
- **Muti-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**

Technical Specifications

MODEL	HT33010XS	HT33015XS	HT33020XS	HT33030XS	HT33040XS
	HT33010XL	HT33015XL	HT33020XL	HT33030XL	HT33040XL
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA
INPUT					
Phase	3Ph + N + PE, 380V / 400V / 415V (line to line)				
Voltage range	304 - 478V AC (Line-Line), full load; 228V - 304V AC (Line-Line), load decrease linearly according to the min phase voltage				
Frequency Range	40-70Hz				
THDi	<4%		<3%		
Power Factor	>0.99				
OUTPUT					
Voltage	380 / 400 / 415V AC (Line-Line)				
Voltage Regulation	±1%				
THDu	<1% (linear load), <3% non-linear load according to IEC/EN62040-3		<1% (linear load), <3% (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				
BATTERY					
Voltage	±240V DC				
Charger Power	20% x System Power				
Voltage Precision	1%				
SYSTEM					
System Efficiency					
Normal	95%		95%		96%
Battery	94.5%		95%		96%
Display	LCD + LED + Keyboard				
IP Class	IP20				
Interface	Standard: RS232, Rs485, Dual input kit; Option: SNMP, Dry contact, Parallel kit, Battery cold start				
Operation Temperature	0-40°C				
Relative Humidity	0-95% (Non condensing)				
Noise	<55dB (1 meter away)				
PHYSICAL					
Weight (Kg)	51.5	51.5	89	89	140
	31	31	50	52	61
Dimension (W x D x H)	250 x 840 x 715	250 x 840 x 715	350 x 738 x 1335	350 x 738 x 1335	500 x 840 x 1400
	250 x 660 x 530	250 x 660 x 530	250 x 680 x 770	250 x 680 x 770	250 x 836 x 770

WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT.
THUS THE SPECIFICATIONS IN THIS DOCUMENT AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGED WITHOUT NOTICE.