

## Upsonic 3-Phase Tower Online UPS

10-40 kVA (380V/400V/415V)

IP33 series 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	UM-IP33/10HXS	UM-IP33/20HXS	UM-IP33/30HXS	UM-IP33/40HXS
	UM-IP33/10HXL	UM-IP33/20HXL	UM-IP33/30HXL	UM-IP33/40HXL
Capacity	10kVA	20kVA	30kVA	40kVA
<b>INPUT</b>				
Phase	3Ph+N+PE,380V/400V/415V(line-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	1.5%			
THDu	<1% (linear load),<5.5% (non-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 200 ms			
<b>BATTERY</b>				
Voltage	±240VDC			
Charge power	20%*System Power			
Voltage precision	1%			
<b>SYSTEM</b>				
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 contacts, 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	89	89	140
	31	50	52	61
Dimension (W*D*H)(mm)	250*840*715	350*738*1335	350*738*1335	500*840*1400
	250*660*530	250*680*770	250*680*770	250*836*770