

## PM33 Series Tower Online UPS 10-40kVA (380V/400V/415V)

PM33 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, 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	PM33-HF010S	PM33-HF015S	PM33-HF020S	PM33-HF030S	PM33-HF040S
	PM33-HF010E	PM33-HF015E	PM33-HF020E	PM33-HF030E	PM33-HF040E
Capacity	10kVA	15kVA	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%	96%
	Battery	94.5%	95%	96%	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℃				
Relative humidity	0-95%(non-condensing)				
Noise	<55dB (1 meter away)				
<b>PHYSICAL</b>					
Weight(kg)	51.5	51.5	89	89	140
	31	31	50	52	61
Dimension (W*D*H)(mm)	250*840*715	250*840*715	350*738*1335	350*738*1335	500*840*1400
	250*660*530	250*660*530	250*680*770	250*680*770	250*836*770