

HQ33 Series

Online Low Frequency UPS

- Output isolation transformer
- Allowing installation against wall
- Maximum 8 units in parallel



10KVA - 400KVA



Power Range

10kVA-400kVA

Way Of Working

3 phase in, 3 phase out
Online double conversion

Application

Medical equipment, data centers, precision
instrument,banks, ETC, Industrial production
lines& controlling system

Standard with 4 breakers



Performance Characteristics

Safe and Reliable

- Allowing Installation against the wall
- N+1 Redundant fan variable speed cooling system
- Maintenance bypass switch
- Output Isolation transformer
- Maximum 8 units in parallel
- Optional low THDi

Comprehensive Protection Function

- Self-diagnosis function to avoid fault when power on
- Surge/overload/short circuit/over temperature/battery
load voltage protection
- Standard input, output, bypass and maintenance switches

Intelligent Management

- Touch screen display multiple languages are available
- Settable battery voltage: 30-34 units
- RS232/RS485 communication port, SNMP optional
- Cold start function
- Password permission management

Performance

Model	HQ3310	HQ3320	HQ3330	HQ3340	HQ3360	HQ3380	HQ33100	HQ33120	HQ33160	HQ33200	HQ33300	HQ33400
Capacity	10kVA	20kVA	30kVA	40kVA	60kVA	80kVA	100kVA	120kVA	160kVA	200kVA	300kVA	400kVA
Input												
Rated Voltage	380/400/415VAC, 3Phase+N+PE											
Voltage Range	± 25 %											
Rated Frequency	50 / 60 Hz auto-sensing											
Frequency Range	45Hz ~ 65Hz											
Bypass												
Rated Voltage	380/400/415VAC, 3Phase+N+PE											
Rated Frequency Range	±15 % (± 10 %, ± 20% settable on display)										-40%, +20% settable	
Rated Frequency	50 / 60 Hz											
Frequency Range	±2 % (± 5 % settable on display)										±2%,±5%,±10%,±20% settable	
Inverter/Bypass Switch	<1ms											
Overload Capacity	150% last for 10 mins; 175% last for 1 min; 200% for 18 seconds.											
Output												
Output PF	0.8(0.9 optional)											
Rated Voltage	380/400/415VAC, 3Ph+N+PE											
Phase Voltage	220 (200 ~ 244 V settable on display)											
Crest Factor	3: 1											
THDu	<2%@100% linear load; <4%@100% non-linear line											
Voltage Accuracy	± 1 %											
Transient Voltage Response	± 5 % < 10ms											
Overload	110%~125% last for 10mins; < 150% last for 1min.											
System Efficiency	≥93%@100% load											
Battery Input												
DC Voltage	384 (360~408 settable)											
Charging Current	10-40A(settable)											
System												
Communication Interface	RS232 or RS485 (MODBUS)											
Working Temperature	0 ~ 40 °C											
Humidity	0~95 % (no condensation)											
Altitude	<1000M no derating, > 1000M, derating 1% if every 100 meters increased											
Noise	≤65 dB@1M											
Physical												
WxDxH (mm)	500 x 600 x 1250			500 x 800 x 1600			700 x 800 x 1800			1245 x 855 X1900	1640 x 855 X1900	2265 x 855 X1900
Weight (kg)	183	216	245	287	342	385	412	435	520	1075	1630	2150

* Specifications are subject to change without prior notice.