

U-EQ33 Series

True On-Line Double Conversion Isolated UPS

■ Power range

10kVA-400kVA

■ Way of working

3 Phase in, 3 Phase out

■ Application field

Medical equipment, Data center, Precision instrument,
Banks, ETC, Industrial Production Lines& Controlling
System

■ 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 parallel 8 units.

Comprehensive protection function

- Self-diagnosis function to avoid fault when power on
- Surge/overload/short circuit/over temperature /battery load voltage protection

Intelligent Management

- 7 inch touch screen
- Settable battery voltage: 29-34 units
- RS232/RS485 communication port, SNMP optional
- Cold start function



10kVA--200VA



300kVA--400kVA

*SPECIFICATIONS : True On-line Double Conversion With Isolated Transformer

Model : U-EQ	U-EQ3310L	U-EQ3315L	U-EQ3320L	U-EQ3330L	U-EQ3340L	U-EQ3360L	U-EQ3380L	U-EQ33100L	U-EQ33120L	U-EQ33160L	U-EQ33200L	U-EQ33300L	U-EQ33400L
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA	80kVA	100kVA	120kVA	160kVA	200kVA	300kVA	400kVA
Input													
Rated Voltage	380/400/415Vac, 3Ph+N+PE												
Voltage Range	± 25 %												
Rated Frequency	50 / 60 Hz Auto-sensing												
Frequency Range	45Hz ~ 65Hz												
The bypass features													
Rated Voltage	380/400/415Vac 3Ph+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 mins; 200% for 18 seconds.												
Output													
Output PF	0.9 (1 Optional)												
Rated	380/400/415Vac, 3Ph+N+PE (Settable on Display)												
Phase Voltage	220 (200 ~ 244 V settable on display)												
Crest factor	3: 1												
Voltage Waveform Distortion	<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	≥92%@100%load												
Battery Input													
Number	348 (348~408 Settable)												
Charging Current	10-40A(settable)												
System													
Communication Port	RS232 or RS485 (MODBUS)												
Working	0 ~ 40 °C												
Humidity	0~95 % (no condensation)												
Altitude	<1000M no derating, > 1000M, derating 1% if every 100 meters increased												
Noise	≤65 dB@1M												
Size&Weight													
WxDxH (mm)	500 x 600 x 1250				500 x 800 x 1600			700 x 800 x 1800			1400X1000X1800	1640X855X1900	2265X855X1900
Weight (g)	230	250	260	300	400	450	520	600	650	825	1075	1630	2105

Spec. STD.04-03-23



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