

QUANT POWER EDGE ONLINE UPS



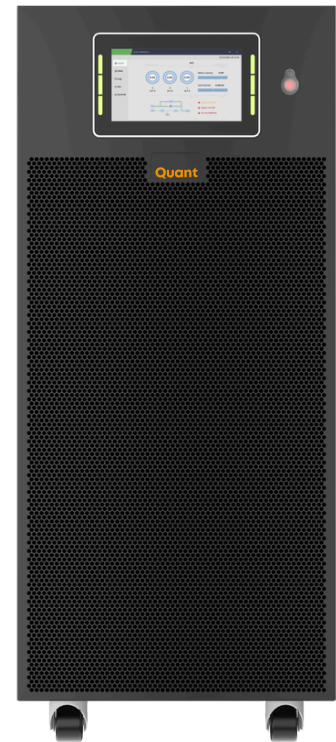
QUANT POWER EDGE ONLINE UPS – 60/80/100/200 kVA

(60-200 kVA, 3-Phase Tower)

High-Density Online Double Conversion UPS

The QUANT POWER EDGE Series is a high-reliability 3-phase online double-conversion UPS designed for mission-critical IT, ELV, industrial, and infrastructure applications, delivering stable and clean power for sensitive loads.

A 7-inch touch LCD with IoT functions provides enhanced monitoring, alarms, and visibility.



KEY FEATURES

- True Online Double Conversion
Provides continuous, stable, and clean power with zero transfer time.
- High Reliability & Strong Environmental Adaptability
- High Power Density, Compact Tower Design
- 7-Inch Touch LCD with IoT Functions
- Battery Expansion Flexibility
Optional full metal battery strips; internal batteries can be configured up to 16 battery module strips.
- Comprehensive Protection
Overload, short-circuit, over-temperature, over/under-voltage, and battery protection.

QUANT POWER EDGE ONLINE UPS



TECHNICAL SPECIFICATIONS

MODEL		PE-T060-3X-40B	PE-T080-3X-40B	PE-T0100-3X-40B	PE-T0200-3X-40B
Rate Power		60kVA	80kVA	100kVA	200kVA
Main input	Input	3P5W (3P+N+PE)			
	Rate Voltage	380/400/415VAC (L-L); 220/230/240VAC (L-N)			
	Rate Freq.	50/60Hz			
	Input PF	>0.99			
	Current distortion	THDi<2%(100% Linear load)	THDi<2%(100% Linear load)		
	Voltage range	304-478VAC (L-L) full load; 304-228VAC (L-L) derate 100% → 50%			
	Freq. range	40-70Hz			
Battery	Rate voltage	±240VDC			
	Model	UPS with internal batteries,12VDC/7~9Ah			
	Quantity	Internal BAT	160PCS	/	
		External BAT	Depend on external battery, 40PCS(default, 30-50 PCS, selceted)		
	Charging capacity	20% × Pout	15% × Pout		
Charging accuracy	±1%				
Bypass	Rated voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)			
	Voltage range	Range: -40%- +25% , Settable, default -20% +15%			
	Frequency range	50/60Hz Settable ±1Hz ±3Hz ±5Hz			

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MODEL		PE-T060-3X-40B	PE-T080-3X-40B	PE-T0100-3X-40B	PE-T0200-3X-40B
Inverter	Rated voltage	380/400/415VAC(L-L) 220/230/240VAC(L-N)			
	Rate Freq.	50/60Hz			
	Output PF	1			
	Voltage accuracy	±1.0%			
	Output THDu	<1% linear load ,<5% non-linear load	<1% linear load ,<5% non-linear load according to IEC 62040-3		
	Overload	110%,1 hour 125%,10 mins 150%,1 min >150%,200ms			
	Frequency accuracy	0.001			
	Synchronize window	Settable ±0.5Hz-±5Hz default ±3Hz			
	Slew rate	Settable 0.5Hz/S-3Hz/S default 0.5Hz/S			
	Crest factor	3:01			
	Phase Accuracy	120°±0.5°			
System	Display & Efficiency	Up to 96% or 97% / LED + 7 inch touch LCD			
	Certification- Safety	IEC62040-1, IEC60950-1			
	Certification- EMS	IEC62040-2 IEC61000-4-2(ESD) IEC61000-4-3(RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge)			
	IP degree	IP20			
	Configuration	USB, RS232, RS485, Dry contact, Air filter, Cold	USB, RS232, RS485, Dry contact, Air filter,Cold start,Ethernet		
Options	SNMP card, AS400 card, Parallel kit	SNMP card, AS400 card, Parallel kit			
Environment	0-40 operation -25 ~70 storage 0-95% (Humidity, non-condensing)				
Dimension (W*D*H) mm	Internal BAT	500*865*1250		/	
	External BAT	250*782*650	380*950*900	500*1050*1200	
Weight(kg)	Internal BAT	200		/	
	External BAT	72	91	143	

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TECHNICAL SPECIFICATIONS

Model	PE-T060-3X-40B	PE-T080-3X-40B	PE-T0100-3X-40B	PE-T0200-3X-40B
Certification	CE			
Country of Origin	Malaysia			
Warranty	2 years			

MECHANICAL

Model	Dimension (W×D×H) mm	Weight (kg)
60kVA	250×782×650	72
80kVA	380×950×900	91
100kVA	500×865×1250	---
200kVA	500×1050×1200	143

OPTIONS & ACCESSORIES

- SNMP network monitoring card
- AS400 dry-contact card
- Parallel redundancy kit
- External battery cabinets
- Air filter / dust protection
- Cold start features

APPLICATIONS

- Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

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ORDERING INFORMATION

Model	Description
PE-T060-3X-40B	QUANT POWER EDGE Online UPS 60kVA, 3-Phase Tower
PE-T080-3X-40B	QUANT POWER EDGE Online UPS 80kVA, 3-Phase Tower
PE-T0100-3X-40B	QUANT POWER EDGE Online UPS 100kVA, 3-Phase Tower
PE-T0200-3X-40B	QUANT POWER EDGE Online UPS 200kVA, 3-Phase Tower