

Power Xpert 9395P UPS

TECHNICAL SPECIFICATIONS

UPS output power rating								
kVA	250	300	500	600	750	900	1000	1200
kW	250	275	500	550	750	825	1000	1100
General								
Efficiency in double conversion mode (full load)			95.6%					
Efficiency in double conversion mode (half load)			96.3%					
VMMS (double conversion)			Significantly increased efficiency at low loads					
Efficiency in Energy Saver System (ESS)			Up to 99.3%					
Distributed parallelling with Hot Sync technology			Up to 5 units with Distributed bypass Up to 7 units with Centralized bypass					
Internal N+1 redundance capable			Yes					
Field upgradable			Yes					
Inverter/rectifier topology			Transformer-free IGBT with PWM					
Audible noise			78 dB (300 kVA); <81 dB (600 kVA); <83 dB (900 kVA); <85 dB (1200 kVA)					
Altitude (max)			1000 m without derating (max 2000 m)					
Input								
Input wiring			3 ph + N + PE					
Nominal voltage rating (configurable)			220/380, 230/400, 240/415 V 50/60 Hz					
Input voltage range			+15% / -15% for 400 V or 415 V +15% / -10% for 380 V +10% / -10% for bypass					
Input frequency range			45-65 Hz					
Input power factor			0.99					
Input ITHD			<3% on nominal load in double conversion mode					
Soft start capability			Yes					
Internal backfeed protection			Yes, standard					
Output								
Output wiring			3 ph + N + PE					
Nominal voltage rating (configurable)			220/380, 230/400, 240/415 V 50/60 Hz					
Output UTHD			<2% (100% linear load), <5% (non linear load)					
Output power factor			0.9 (300, 600, 900 and 1200 kVA models) 1.0 (250, 500, 750 and 1000 kVA models)					
Permitted load power factor			0.7 lagging - 0.8 leading					
Overload on inverter			10 min 100-110%; 30 sec 110-125%; 10 sec 125-150%; 300 ms >150%					
Overload when bypass available			Continuous <115%, 20 ms 1000% Note! Bypass fuses may limit the overload capability					

Battery				
Type	VRLA			
Charging method	Current limited constant voltage charging, or Eaton Advanced Battery Management (ABM)			
Temperature compensation	Optional			
Battery nominal voltage (lead-acid)	480 V (40 x 12 V, 240 cells)			
Charging current / Model Max* A	300 120	600 240	900 360	1200 480

*Limited by maximum UPS input current rating

Alternative backup power technologies	Wet cell batteries NiCd batteries Lithium-ion batteries Supercapacitors
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Dimensions and weights		
300 kVA	1350 x 880 x 1880 mm (wxdxh)	830 kg
600 kVA	1890 x 880 x 1880 mm	1440 kg
900 kVA	3710 x 880 x 1880 mm	2680 kg
1200 kVA	4450 x 880 x 1880 mm	3120 kg

Accessories and options	
	External battery cabinets with long-life batteries, X-Slot connectivity (Web/SNMP, ModBus/Jbus, Relay, Hot Sync, ViewUPS-X remote display), integrated manual bypass for 300 kVA model, Power Module status LED kit

Communications	
X-Slot	4 communication bays
Relay inputs/outputs	5/1 programmable

Compliance with standards	
Safety (CB certified)	IEC 62040-1
EMC	IEC 62040-2
Performance	IEC 62040-3