

Powerware® 9390

40 kVA – 160 kVA power protection for critical systems

Features

- ▶ High efficiency - up to 94%
- ▶ Hot Sync® redundancy
- ▶ Advanced Battery Management (ABM™), providing up to 50% longer battery life time
- ▶ Active input Power Factor Correction (PFC) providing <5% THD(i) harmonics
- ▶ High output power factor for server and computer loads
- ▶ Extensive connectivity options
- ▶ User friendly LCD display with local language options



Product Snapshot

Technology: Double conversion (Series 9)
Power Rating: 40-160 kVA at 0.9 p.f.
Voltage: 400 V 50/60 Hz

The Powerware® 9390 Uninterruptible Power System (UPS) is a double-conversion, Series 9 UPS that resolves all utility power problems and supplies clean, continuous, uninterruptible power to all critical equipment. Whether you're selecting a UPS for a branch office, a manufacturing floor, a medical facility, or a large data centre, there's a Powerware 9390 model that delivers just the right combination of performance for your needs - with the smallest footprint of any UPS in its class! The Powerware 9390 features active input power factor control (PFC) with IGBT rectifier technology, which enables low <5% THD(i) and a near unity input power factor, without compromising overall efficiency.

The Powerware 9390 operates at a high efficiency of up to 94%, which reduces utility costs and extends battery run times. Higher system efficiency produces cooler operating conditions, thus reducing facility air conditioning costs and extending the life of UPS components. This leads to increased reliability, availability, and performance.

The Powerware 9390 uses the unique Advanced Battery Management (ABM™) function: while traditional UPS's charge their batteries continuously, the ABM principle only charges the batteries when necessary, thus preventing battery corrosion. This exceptional ABM function extends battery service life by up to 50%.

Powerware's patented Hot Sync® paralleling technology enables additional capacity or redundancy with Powerware 9390. Up to four equivalent UPS modules can be paralleled without the need for a system parallel cabinet.

Naturally, the Powerware 9390 UPS comes complete with Powerware's Software Suite of products, which provides monitoring, management, and optional shutdown capabilities over your network. Connectivity options are available to suit nearly any communication requirement, from standard serial communications to secure remote monitoring over the web.

Powerware® 9390

Uninterruptible Power System

Technical Specifications

General	Rating	40-160 kVA 0.9 p.f.
	Efficiency	94%
	Audible noise	<65 dB (A)
Input	Nominal voltage	400 V
	Frequency	45-65 Hz
	Power factor	0.99
Output	Selectable voltage	380/400/415 VAC
	Regulation	±1%
	Power factor	0.9 (e.g. 72 kW at 80 kVA)
Battery	Type	Maintenance free VRLA batteries
	Battery charging	Advanced Battery Management (ABM™)
	Battery voltage	480 V (40 blocks)
Options	X-slot extension module and connectivity, isolation transformer, 10 year battery cabinets and racks	
Markings	CE	

Specifications subject to change without notice.



Standard UPS				
Part number	Description	Rating	Dimensions (HxWxD)	Weight
1023239	9390-40I-N-0	40 kVA / 36 kW	1872x519x804 mm	313 kg
1023240	9390-60I-N-0	60 kVA / 54 kW	1872x519x804 mm	313 kg
1023241	9390-80I-N-0	80 kVA / 72 kW	1872x519x804 mm	313 kg
1023242	9390-120I-N-0	120 kVA / 108 kW	1872x900x804 mm	430 kg
1023243	9390-160I-N-0	160 kVA / 144 kW	1872x900x804 mm	430 kg

Standard external battery				
Part number	Description	Rating	Dimensions (HxWxD)	Weight
1023244	9390-BAT10-40x55Ah	55 Ah	1885x1125x804 mm	1270 kg
1023245	9390-BAT10-40x67Ah	67 Ah	1885x1125x804 mm	1430 kg

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