

Integrated Distribution Cabinet™ for the Powerware 9390 UPS

Power protection and distribution for data centers

Features

- ▶ Provides mix-and-match options to complement your Powerware 9390 UPS:
 - Power distribution
 - Voltage transformation
 - Maintenance bypass
- ▶ Provides "line-up-and-match" installation, specifically designed for Powerware 9390 applications
- ▶ Supports custom configurations and "pay-as-you-grow" scalability, to adapt to ever-changing power distribution needs
- ▶ Enables data center adaptation and expansion without costly electrical re-work

Powerware's Integrated Distribution Cabinet™ is specifically designed to complement the new Powerware 9390 family of three-phase Uninterruptible Power Systems (UPSs). This cabinet integrates with the 9390 UPS models and is designed for the specific power rating of the 9390 UPS models from 40 kVA to 160 kVA.

With this optional cabinet, Powerware offers a complete, one-stop shop for power protection and distribution solutions that is easy to design, install, customize, and manage, while delivering "pay-as-you-grow" scalability for future expansion.

Preconfigured for ease of use, mix-and-match for flexibility

The Integrated Distribution Cabinet is preconfigured with the most popular power distribution options for ease of design and installation.

In addition, it offers the flexibility to mix and match power distribution, voltage transformation, and maintenance bypass options to select the right combination of functions for your data center requirements.

▶ **Power distribution** options enable you to distribute power to servers or racks via distribution panelboards, or distribute power to larger loads via distribution circuit breakers.

▶ **Voltage transformation** allows you to change output voltage levels. For instance, you could convert 480 VAC output from the UPS into 208/120 VAC output to serve single-phase loads. You can also add an isolation transformer if required.

▶ **Maintenance bypass** enables power to completely bypass the UPS power module. You can then service or replace the UPS module in complete safety, without interrupting power to critical systems.

Customized for today's needs, scalable for tomorrow's growth

In today's economy, "pay as you grow" is more than a catch phrase; it's a way of life. So is the need to balance the often-conflicting requirements of budgets, operational demands, and future growth.



Typical application of Powerware 9390 Integrated Distribution Cabinet distributing power to IT racks

Powerware addresses these realities with a flexible architecture that lets you configure just the right combination of functions to complement your UPS. You save money by only specifying what your system currently needs—while keeping your options open for future expansion.

Simplified installation and clean appearance

The Integrated Distribution Cabinet has the same look and finish as the Powerware 9390 UPS system it complements. The cabinet is shipped with interconnecting cables for fast and easy installation with the Powerware 9390 UPS. The result is a clean look that enhances the appearance of your data center.

Integrated management and support for enhanced confidence

The 9390 UPS models and the Integrated Distribution Cabinet can all be monitored and managed by

Powerware software such as LanSafe™, PowerVision®, and FORESEER®. This close integration provides greater visibility to your complete power protection and distribution structure.

Powerware also backs up the Integrated Distribution Cabinet with the same two-year limited factory warranty* we offer on the 9390 UPS models. You can have the confidence that both your power protection and distribution are supported by Powerware's best-in-class Global Services organization and strong customer service commitments.

To find out more about the Integrated Distribution Cabinet option or the new Powerware 9390 UPS, visit our website at www.powerware.com/9390, or contact us at 1-800-356-5794.

9390 Integrated Distribution Cabinet Technical Specifications

General Characteristics		Transformer Option	
Installation	Line up and match to UPS Front access only	Electrostatic shield	Standard
Color	Same as UPS	Insulation	150°C Rise, Class H
Construction	NEMA 1 ventilated	Impedance	5% (maximum)
Input Voltage	208, 480	K-factor	K13 (standard); K20 (optional)
Output Voltage		Compensation Taps:	2-FCAN, 4-FCBN standard
Isolation	208, 208/120V,	Overload Protection:	Standard
Distribution	208/120V	Power Distribution Option	
Dimensions		Panelboard Distribution	
40 - 80kVA	35.6"w x 31.6"d x 73.7" h	Quantity	2 (max)
Weight	1200 lbs (max)	Voltage	208/120V
Certification		Main Breaker	225A, 65kAIC
Safety	UL 1778	Circuits	84 (max)
Markings	UL, CUL	Distribution Breakers	(in lieu of panelboards)
User Interface		Quantity	6 (max)
Cable Entry	Top or Bottom	Voltage	208/120V
EPO switch	Optional	Size	225A, 65kAIC
Remote Monitoring	Optional	Maintenance Bypass Option	
		Maintenance Bypass	Optional

* See the Limited Factory Warranty for Powerware 9390 Products for details. Batteries are warranted by the battery manufacturer and not by Powerware. Due to continuing product improvements, specifications are subject to change without notice. Powerware®, PowerVision®, LanSafe™, and FORESEER® are registered trademark(s) of Powerware Corporation. © 2004 Powerware Corporation

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