



Powerware

Powerware 9305 Uninterruptible Power System

Product Focus

20-60 kVA



Features

- High load protection with double conversion online technology
- The unique Advanced Battery Management™, providing significant longer battery life time
- Hot Sync™ parallel UPS systems for scalable redundancy and 7/24h load protection
- Transformerless UPS design with both static switch and maintenance bypass switch
- Standard battery start and frequency converter features
- Software suite included

Product Snapshot

Technology: Double conversion
online (Series 9)

Rating: 20-60 kVA

Voltage: 3x230/400 VAC

Backup time: Typical 7-18 min
extendable up to hours

Powerware 9305, a Series 9 UPS, is designed to protect computers and other critical equipment in today's centralised server rooms and industrial automation applications. The Powerware 9305 features a very wide input voltage window with full load, providing the capability to operate from the mains when most UPSs would be discharging their batteries.

The Powerware 9305 operates using the unique Advanced Battery Management™ (ABM) function. While traditional UPS charges batteries continuously, UPS with ABM™ charges batteries only when necessary, thus preventing battery

corrosion. This exceptional ABM function prolongs the service life of batteries by up to 50%.

Furthermore, with the Hot Sync™ parallel load sharing technology, the absolute reliability of the UPS system can be increased by nearly 100%. The Hot Sync™ is designed for parallel redundant N+1 systems to satisfy 7/24h applications. This unique feature has the added advantage of erasing the single point of failure logic within the traditional load sharing systems, this is due to the ability of Hot Sync™ to synchronise and support the critical load independently of other UPS modules.



Hot Sync™ provides scalable and redundant power protection

Technical Specifications

POWERWARE 9305

General

Rating	20-60 kVA at computer load
Efficiency	Up to 94% online
Audible noise	< 55 dB(A) 20-30 kVA
	< 60 dB(A) 40-60 kVA

Input

Nominal voltage	230/400 V
Frequency	45-65 Hz
Power factor	0,96

Output

Selectable voltage	220/380 V; 230/400 V; 240/415 V
Regulation	±1% static
Frequency	50 or 60 Hz
Overload	Inverter 150% for 30 sec; 170% for 5 sec

Battery

Type	Maintenance free VRLA batteries
Battery charging	Advanced Battery Management (ABM™)
Battery voltage	384 V (32 blocks) or 576 V (48 blocks)

Options

Long life 10y battery cabinets
 Input filter cabinets
 Isolation transformer cabinets
 Hot Sync™ parallel systems
 ConnectUPS SNMP adapter
 ViewUPS remote LCD panel

Marking

CE, GOST

Three phase input and output / basic models

9305 rating	Order code	Back-up	Dimensions (WxDxH)	Weight
20 kVA	1013992	7 min	520x788x1530 mm	400 kg
30 kVA	1020903	10 min	520x788x1530 mm	490 kg
40 kVA	1018617	10 min with ext. BATI-D W	520x788x1530 mm	230 kg
BATI-D WIDE	1015467		520x788x1530 mm	550 kg
50 kVA	1014978	7 min with ext. BATI-D W	520x788x1530 mm	260 kg
BATI-D WIDE	1015467		520x788x1530 mm	550 kg
60 kVA	1014514	10 min with ext. BATI-E	520x788x1530 mm	260 kg
BATI-E	1011483		520x788x1530 mm	815 kg

In the interests of continual product improvement all specifications are subject to change without notice.

Powerware®, Hot Sync®, Advanced Battery Management, LanSafe, PowerVision, and FORESEER are trademark(s) of Eaton Power Quality Corporation. © 2005 Eaton Corporation

KESS Power Solutions GmbH
 Gentzgasse 55
 A-1180 Wien
 Tel: +43 (0)1 470 47 31 - 0
 Fax +43 (0)1 470 47 31 - 20
 info@kess.at
 www.kess.at