

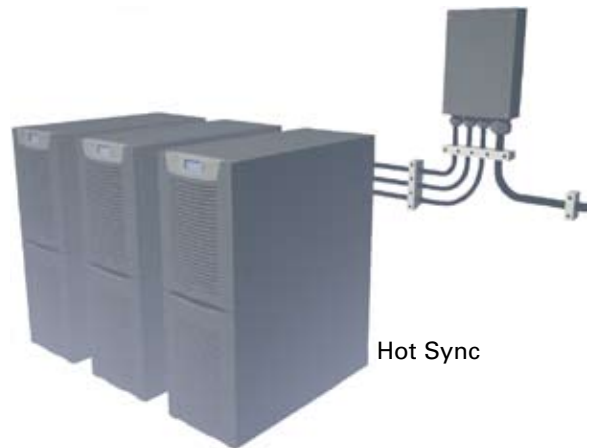
EATON

Powerware

Powerware 9355 Uninterruptible Power System

Product Focus

Stand-alone UPS solutions up to 15 kVA
Hot Sync® UPS solutions up to 3 + 1 configuration



Features

- Hot Sync® redundancy/capacity up to 3 + 1 configuration
- Advanced Battery Management (ABM™), providing monitor and improved battery life time
- Active input PFC, providing <5% THD(i) harmonics
- High performance PWM controlled inverter providing 0.9 p.f. output rating for modern IT loads
- Configurable and multilingual LCD control panel with back light and graphical mimic screen
- Web/SNMP monitoring enabled (optional)

Centralised UPS protection is an essential part of IT infrastructure in today's IT, telecom, healthcare, banking and industrial automation applications. Powerware® 9355, a Series 9 UPS with a state-of-the-art technology and multilingual graphical display, provides an optimal power protection for modern 0.9 p.f. rated, critical computers and servers without oversizing. In addition to the optimised output of the UPS Powerware 9355 is also extremely "mains-friendly" and doesn't interfere with other critical equipments in the same network due to high 0.99 input power factor and low <5% THD(i).

With Hot Sync® technology it is possible to parallel one or more Powerware 9355 UPS units to increase availability. Patented Hot Sync technology enables load sharing without any communication line, thus eliminating the single point of failure.

Powerware 9355 operates using unique Advanced Battery Management (ABM) feature. While traditional UPS charges batteries continuously, ABM charges batteries only when necessary, thus preventing battery corrosion. This exceptional ABM function prolongs the service life of batteries significantly. Together with a wide range of models and options it ensures that the double conversion online Powerware 9355, with three phase output, is the ideal UPS system for power protection applications.

Powerware 9355 protects all network devices and has the additional advantage (Software Suite) of providing an orderly network shutdown in the event of an extended power outage. If required, 9355 can also be integrated to Network Management (Web/SNMP), Industrial Automation (Relays) and Building Management (ModBus/Jbus) systems.

Technical Specifications

POWERWARE 9355

General

Output rating	8-15 kVA 0,9 p.f.
Efficiency	up to 98% with HE mode
Audible noise	<50 dB (A)

Input

Nominal voltage	400 V (3-phase input/output) ±20%
Frequency	45-65 Hz
Power factor	0,99 (<5% THD(i) at nominal load)

Output

Selectable voltage	380/400/415 VAC; 50 or 60 Hz
Regulation	±2% static
Power factor	0,9 (e.g. 9 kW at 10 kVA)

Battery

Type	Maintenance free VRLA batteries
Battery charging	Advanced Battery Management (ABM™)
Temp. compensation	Standard
Battery voltage	384 V (32 blocks)
Charging current	3 A (default), max. 25 A

Options

Output transformer, Long-life batteries, Hot Sync tie cabinet, UPS Center (input, bypass, distribution) XSlot connectivity (Web/SNMP, ModBus/JBus, Relay, Hot Sync)

Markings

CE

Communication

XSlot	2 communication bays
Serial ports	1 available
Inputs/Outputs	2/1 programmable

Standard UPS with 3-phase input

Part no	Description	Rating	Back-up (pf.07)	Dimensions (HxWxD)	Weight
1023411	9355-8-N-15-32x9Ah	8 kVA / 7.2 kW	15 min	817x305x702 mm	165 kg
1023412	9355-8-N-33-64x9Ah	8 kVA / 7.2 kW	33 min	1214x305x702 mm	280 kg
1023413	9355-10-N-10-32x9Ah	10 kVA / 9 kW	10 min	817x305x702 mm	165 kg
1023414	9355-10-N-25-64x9Ah	10 kVA / 9 kW	25 min	1214x305x702 mm	280 kg
1023415	9355-12-N-8-32x9Ah	12 kVA / 10.8 kW	8 min	817x305x702 mm	165 kg
1023416	9355-12-N-20-64x9Ah	12 kVA / 10.8 kW	20 min	1214x305x702 mm	280 kg
1023417	9355-15-N-5-32x9Ah	15 kVA / 13.5 kW	5 min	817x305x702 mm	165 kg
1023418	9355-15-N-15-64x9Ah	15 kVA / 13.5 kW	15 min	1214x305x702 mm	280 kg

External battery cabinets

Part no	Description	Rating	Back-up (pf. 0.7)	Dimensions (HxWxD)	Weight
1022561	9X55-BAT5-64x7Ah	2x32x7 Ah	See runtime spec.	817x305x699 mm	195 kg
1022562	9X55-BAT5-96x7Ah	3x32x7 Ah	See runtime spec.	1214x305x699 mm	310 kg

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

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