

EATON

Powerware

Powerware® 9355

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 "mainsfriendly" and doesn't interfere 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 | 9355-8i-N-15 | 8 kVA / 7.2 kW | 15 min | 817x305x702 mm | 165 kg |
| 1023412 | 9355-8i-N-33 | 8 kVA / 7.2 kW | 33 min | 1214x305x702 mm | 280 kg |
| 1023413 | 9355-10i-N-10 | 10 kVA / 9 kW | 10 min | 817x305x702 mm | 165 kg |
| 1023414 | 9355-10i-N-25 | 10 kVA / 9 kW | 25 min | 1214x305x702 mm | 280 kg |
| 1023415 | 9355-12i-N-8 | 12 kVA / 10.8 kW | 8 min | 817x305x702 mm | 165 kg |
| 1023416 | 9355-12i-N-20 | 12 kVA / 10.8 kW | 20 min | 1214x305x702 mm | 280 kg |
| 1023417 | 9355-15i-N-5 | 15 kVA / 13.5 kW | 5 min | 817x305x702 mm | 165 kg |
| 1023418 | 9355-15i-N-15 | 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-BAT10 (64x7 Ah) | 2x32x7 Ah | See runtime spec. | 817x305x699 mm | 195 kg |
| 1022562 | 9X55-BAT10 (96x7 Ah) | 3x32x7 Ah | See runtime spec. | 1214x305x699 mm | 310 kg |

In the interest of continual product improvement all specifications are subject to change without notice. Powerware®, Advanced Battery Management, LanSafe, PowerVision, and FORESEER are trademark(s) of Eaton Power Quality Corporation. © 2004 Eaton Corporation

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