

EATON

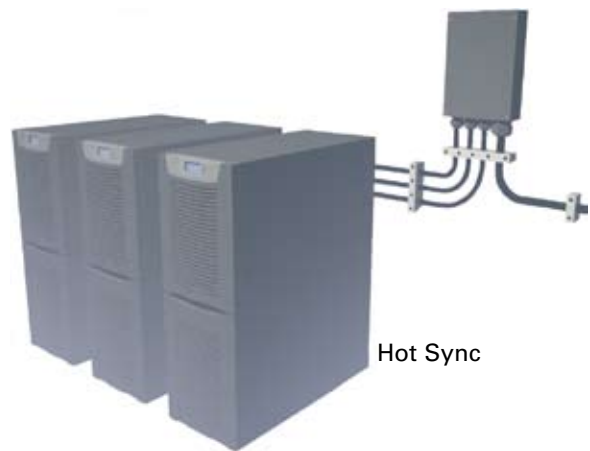
Powerware

Powerware 9155 Uninterruptible Power System

Product Focus

Single UPS solutions up to 15 kVA

Hot Sync® UPS solutions up to 3 + 1 configuration



Hot Sync

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 up to 5% THD(i) harmonics
- High performance PWM 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)

The centralised UPS protection is an essential part of IT infrastructure in today's IT, telecom, healthcare, banking and industrial automation applications. Powerware® 9155, 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. Besides the optimised output of the UPS Powerware 9155 is an extremely "mains-friendly" 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 the Hot Sync® technology it is possible to parallel one or more Powerware 9155 UPS units to increase availability. The patented Hot Sync technology enables load sharing without any communication line, thus eliminating the single point of failure.

The Powerware 9155 operates using the 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. A wide range of models and options ensures the double conversion online Powerware 9155, with single phase output, is the ideal UPS system for power protection applications.

The Powerware 9155 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, the 9155 can also be integrated to Network Management (Web/SNMP), Industrial Automation (Relays) and Building Management (ModBus/Jbus) systems.

Technical Specifications

POWERWARE 9155

General		Battery	
Output rating	8-10 kVA 0.9 p.f. (1-phase input) 8-15 kVA 0.9 p.f. (3-phase input)	Type	Maintenance free VRLA batteries
Efficiency	up to 98% with HE mode	Battery charging	Advanced Battery Management (ABM™)
Audible noise	<50 dB (A)	Temp. compensation	Standard
Input		Battery voltage	384V (32 blocks)
Nominal voltage	230/400 V (3-phase input) ± 20% 230 V (1-phase input) ± 20%	Charging current	3 A (default), max. 25 A
Frequency	45-65 Hz	Accessories	
Power factor	0,99 (<5% THD(i) at nominal load)	Output transformer, Long-life batteries, Hot Sync tie cabinet, UPS Center (input, bypass, distribution) XSlot connectivity (Web/SNMP, ModBus/JBus, Relay, Hot Sync)	
Output		Markings	CE
Selectable voltage	220/230/240 VAC; 50 or 60 Hz	Communication	
Regulation	±2% static	XSlot	2 communication bays
Power factor	0.9 (e.g. 9 kW at 10 kVA)	Serial ports	1 available
		Inputs/Outputs	2/1 programmable

Stand-alone UPS with 1-phase input

Part nro	Description	Rating	Back-up (pf. 0.7)	Dimensions (HxWxD)	Weight
1022532	9155-8-S-10-32x7Ah	8 kVA / 7.2 kW	10 min	817x305x702 mm	155 kg
1022533	9155-8-S-15-32x9Ah	8 kVA / 7.2 kW	15 min	817x305x702 mm	160 kg
1022534	9155-8-S-28-64x7Ah	8 kVA / 7.2 kW	28 min	1214x305x702 mm	265 kg
1022535	9155-8-S-33-64x9Ah	8 kVA / 7.2 kW	33 min	1214x305x702 mm	275 kg
1022536	9155-10-S-10-32x9Ah	10 kVA / 9 kW	10 min	817x305x702 mm	160 kg
1022537	9155-10-S-20-64x7Ah	10 kVA / 9 kW	20 min	1214x305x702 mm	265 kg
1022538	9155-10-S-25-64x9Ah	10 kVA / 9 kW	25 min	1214x305x702 mm	275 kg

Stand-alone UPS with 3-phase input

Part nro	Description	Rating	Back-up (pf. 0.7)	Dimensions (HxWxD)	Weight
1022480	9155-8-N-10-32x7Ah	8 kVA / 7.2 kW	10 min	817x305x702 mm	155 kg
1022481	9155-8-N-15-32x9Ah	8 kVA / 7.2 kW	15 min	817x305x702 mm	160 kg
1022482	9155-8-N-28-64x7Ah	8 kVA / 7.2 kW	28 min	1214x305x702 mm	265 kg
1022483	9155-8-N-33-64x9Ah	8 kVA / 7.2 kW	33 min	1214x305x702 mm	275 kg
1022484	9155-10-N-10-32x9Ah	10 kVA / 9 kW	10 min	817x305x702 mm	160 kg
1022485	9155-10-N-20-64x7Ah	10 kVA / 9 kW	20 min	1214x305x702 mm	265 kg
1022486	9155-10-N-25-64x9Ah	10 kVA / 9 kW	25 min	1214x305x702 mm	275 kg
1022487	9155-12-N-8-32x9Ah	12 kVA / 10.8 kW	8 min	817x305x702 mm	165 kg
1022488	9155-12-N-15-64x7Ah	12 kVA / 10.8 kW	15 min	1214x305x702 mm	270 kg
1022489	9155-12-N-20-64x9Ah	12 kVA / 10.8 kW	20 min	1214x305x702 mm	280 kg
1022490	9155-15-N-5-32x9Ah	15 kVA / 13.5 kW	5 min	817x305x702 mm	165 kg
1022491	9155-15-N-10-64x7Ah	15 kVA / 13.5 kW	10 min	1214x305x702 mm	270 kg
1022492	9155-15-N-15-64x9Ah	15 kVA / 13.5 kW	15 min	1214x305x702 mm	280 kg

External battery cabinets

Part nro	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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