

Product Line Overview

Powerware 9X55 Family

Powerware introduces the Powerware 9X55 Series 9 family, the new double conversion UPS for 24/7-power protection.

The 9155 range includes 8 kVA, 10 kVA, 12 kVA, and 15 kVA in 230/240V 50/60 Hz single-phase. The input is available both in single (up to 10 kVA) and three phase (up to 15 kVA) configuration.

The 9355 range includes 8 kVA, 10 kVA, 12 kVA, and 15 kVA in 4000/415V 50/60 Hz three-phase.

Reliable UPS solution

Powerware 9X55 is designed for centralised power protection of server farms, networks, building systems, PC/work stations, telecommunication system, industrial automation and other critical systems requiring high power availability. It is suited for protecting modern high 0.9 PFC compensated servers and communications devices. It is able to feed highly non-linear loads and provide extended back up time with battery cabinet options.

The main benefits are listed as follows:

- **Double conversion**
Powerware 9X55 features active IGBT rectifier for controlling input power factor. This feature guarantee high 0.99 PF with low harmonics <5% THD(i). The UPS does not need expensive and additional input filter to be “mains friendly” and “generator compatible”.
- **Advanced Battery Management (ABM)[™]**
The ABM functionality provides 50 % longer battery life compared to traditional charging methods. It charges batteries only when necessary to prevent formation of internal battery corrosion and unnecessary ageing of the battery. Consequently battery lifetime is prolonged on average by 50% compare to constant float charging method. The ABM feature provides real time information on battery string health and battery run time remaining.
- **Software Suite bundled**
The Powerware 9X55 includes the award-winning LanSafe 5 software. It is the convenient power management software offering network shutdown and UPS management for all common network operating systems.
- **Hot Sync[™] redundancy**
The Hot Sync provides extreme 24/7 availability with the parallel N+1 system configuration. It also enables the flexible capacity upgradability with additional UPS modules to meet the increased power requirement of the critical load. The Hot Sync parallel load sharing technology is the only real no-single-point-of-failure technology in the market independent on the communication among the parallel UPS modules.
- **Active input power factor control (PFC)**
The 9X55 features an active IGBT rectifier to control the input power factor. It provides 0.99 PF and generator friendly <5% THD(i) harmonics. The rectifier features the latest technology never seen in this low power range as standard. As a result, the UPS draw almost perfect sinusoidal current and help to optimise the sizing of system components.
- **High 0.9 PF output rating**
The output of the Powerware 9X55 is well suited for modern server and computer loads with new PFC compensation feature. Also non-PFC loads are no problem thanks to the PWM inverter control with high switching frequency and low <50 dB(A) audible noise.
- **X-slot connectivity**
Communication is well suited for network management, building management, and industrial systems. Options include SNMP/Web, Modbus/Jbus, and AS/400 relay cards.