

Eaton 9155 UPS



Product snapshot

- Split-phase, double-conversion online operation offers highest reliability
- High efficiency design saves on energy costs across all load levels
- Small footprint saves on valuable floor space
- Monitor and manage UPS and other devices via a web-based interface
- Available in 8 kVA, 10 kVA, 12 kVA, and 15 kVA units

Maximum power, minimum footprint

High power density means more power protection in a smaller footprint. And that's exactly what Eaton delivers in its highly efficient 9155 single-phase uninterruptible power system (UPS). With the 9155 there is no need to compromise reliability for efficiency and affordability. With its advanced power protection technology, the 9155 outperforms other UPSs in its class, all in a sleek unit that is half the size of other units.

Features of the Eaton 9155 UPS

- True, double-conversion online operation protects connected equipment from all nine of the most common power problems
- High efficiency design saves money on operating costs across all load levels
- Compact tower design delivers maximum power density—entire unit is only 12 inches wide and 33 inches deep, including batteries
- Provides 5,500 watts per square foot with .9 output power factor—protecting more equipment for every utility dollar spent, and leaving more room for expansion in the data center
- Easily add redundancy or increase system capacity with patented Powerware Hot Sync® paralleling technology
- Ensure data and system integrity with Intelligent Power Manager® software for remote monitoring, management and shutdown
- Microprocessor-controlled ABM™ technology increases battery life
- Enhanced communications allow network connectivity and remote management:
 - o RS-232 serial port
 - o Two X-Slot® communication bays
 - o Relay output contacts
 - o Two programmable signal inputs
 - o Remote emergency power-off (REPO)

• Warranty and support services

Standard factory warranty covers:

- System warranty: Two years parts/ 90 days labor
- Battery warranty: Two years parts/ 90 days labor

Extended service options

- Onsite startup
- Corrective and preventive maintenance
- Battery solutions
- Training
- Remote monitoring
- Factory spare parts and upgrades



Powering Business Worldwide

Technical specifications for 10 and 15 kVA

POWER

| | |
|---------------------|--|
| Ratings (kVA/Watts) | 8, 10, 12 and 15 kVA at 0.9 power factor |
| Topology | True double-conversion online UPS |

ELECTRICAL INPUT

| | |
|--------------------------|--|
| Nominal Input Voltage | 200V-240V with neutral or with optional input transformer |
| Input Voltage Range | -15%, +10% from nominal at 100% load without depleting battery |
| Operating Frequency | 50/60 Hz (45 to 65 Hz) |
| Input Power Factor | P.F >0.99 typical, >0.96 frequency converter |
| Input Current Distortion | 5% THD |

ELECTRICAL OUTPUT

| | |
|---------------------------|---|
| Nominal Output Voltage | 100/200, 110/220, 120/240 Vac 180° phase displacement; 120/208, 127/220 Vac 120° phase displacement |
| Output Voltage Regulation | ±1% Static; ±5% dynamic at 100% resistive load change, <1 ms response time |
| Efficiency | 90% typical |

BATTERY

| | |
|---------------------|---|
| Battery Type | 9Ah, sealed, lead-acid, maintenance-free |
| Battery Runtime | See Battery Runtime Chart |
| Battery Replacement | Field-replaceable |
| Charger | Default is 3.4A per battery string. Charger current is configurable from 0.5A to 25A per string with an overall maximum of 34A (limited by input current) |
| Start-On-Battery | Allows start of UPS without utility input |

GENERAL

| | |
|--------------------------------------|---|
| Diagnostics | Full system self-test at startup |
| UPS Bypass | Automatic on overload or UPS failure |
| Parallel for Redundancy and Capacity | Yes, using Powerware Hot Sync technology |
| Dimensions and Weights | See Model Selection Table |
| Overload | 150% for 5 sec / 125% for 1 min (online), (Normal Operation) 110% for 10 min |

COMMUNICATIONS

| | |
|---------------------|--|
| LCD Display | Graphical LCD with blue backlight |
| LEDs | (4) LEDs for notice and alarm |
| Audible Alarms | Yes |
| Communication Ports | (1) RS-232, (1) relay contact, (1) REPO, (2) environmental input |
| Communication Slot | (2) X-Slot communication bays |
| Power Management | Bundled Software Suite CD Software |

ENVIRONMENTAL

| | |
|-----------------------|---|
| Operating Temperature | 10°C to +40°C, +45°C with 7.5% derating; Batteries recommended max. +25°C |
| Storage Temperature | -15°C to +25°C |
| Relative Humidity | 0–95%, non-condensing |
| Audible Noise | < 53 dBA at 1 meter (noise less room) typical |
| Altitude | < 1000m at +40°C, < 3000m at +25°C |

CERTIFICATIONS

| | |
|-----------------------|--|
| Safety Certifications | NOM-0190SCFI-1993, UL 1778, CSA C22.2, No. 107.3; EN 5502 Class A (CISPR22 Class A) and IEC 60950; IEC 62040-1-1 |
| EMC Compliance | IEC 62040-2, FCC Part 15, ICES-003, VCCI |
| Quality | ISO 9001: 2000 and ISO 14001:1996 |
| Markings | UL, cUL, CSA, CE and NOM-NYCE |

1. Due to continuous product improvements, program specifications are subject to change without notice.

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