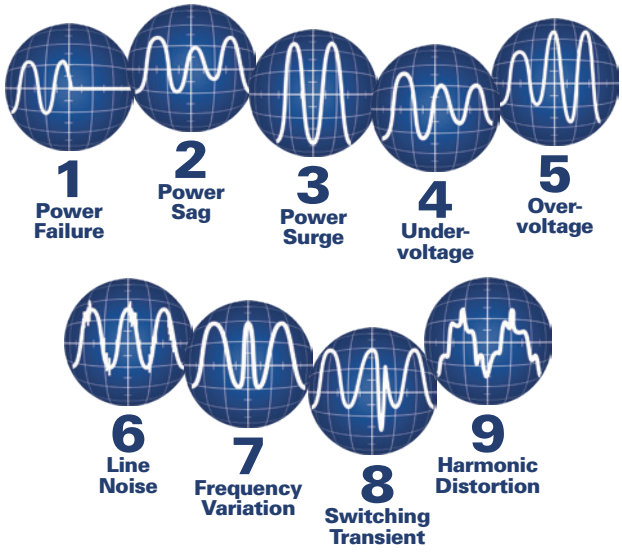
Eaton 9155 UPS

Maximum power, minimum footprint

Product snapshot

- **Split-phase, double-conversion online operation offers highest reliability**
- **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**



High power density means more power protection in a small footprint. Eaton's 9155 single-phase uninterruptible power supply (UPS) is a proven market winner in its class. With scalable battery runtime options, the 9155 packs maximum battery runtime into a very small footprint. Customize your UPS with power distribution and an integral maintenance bypass switch for complete power protection.

Features of the Eaton 9155 UPS

- True double-conversion online operation protects connected equipment from all nine of the most common power problems
- 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 Eaton Hot Sync® paralleling technology
- Manage your power devices in your physical or virtual environment with Eaton's Power Xpert® software and Intelligent Power™ Software Suite
- Advanced Battery Monitoring (ABM) technology increases battery life
- Enhanced communications allow network connectivity and remote management:
  - Two X-Slot communication bays
  - Relay output contacts
  - Two programmable signal inputs
  - Remote emergency power-off (REPO)

Powering Business Worldwide

Mix and match configuration options for a complete solution.

Power configurations:

- **A** Power module
- **B** Add 1 battery module for a 2-high solution
- **C** Add 2 battery modules for a 3-high solution with more runtime
- **D** Alternatively, add a transformer module for a 3-high solution
- **E** Optionally add a rear mounted power distribution module (PDM) with an integral maintenance bypass switch (MBS) and optional receptacles

Rear mounted PDM with receptacles

3-High configuration

2-High configuration

EATON 9155 UPS TECHNICAL SPECIFICATIONS[1]

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 Eaton 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) 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	UL1778 5th Edition, CSA C22.2 No. 107.3-14, NOM-NYCE
EMC compliance	47 CFR Part 15/ICES-003 Class A
Quality	ISO 9001:2015, ISO 14001:2004
Surge	ANSI C62.41 Category B3, IEC 61000-4-5
Markings	cULus, NOM-NYCE

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

Learn more at: **Eaton.com/9155**

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