

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



EATON 9155 UPS TECHNICAL SPECIFICATIONS¹

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	UL 1778, IEC62040-1:2008/A1:2013
EMC compliance	IEC 62040-2 "C2", 47 CFR FCC Part 15 Class A, ICES-003, EN 55022, EN 55024, VCCI
Quality	ISO 9001:2008 and ISO 14001:2004
Markings	UL, cULus
Battery	
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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

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

Learn more at: Eaton.com/9155