

Eaton 9135 UPS



Features

- Provides clean, continuous power to protect critical equipment and applications from power-related downtime, data loss, corruption, and process interruption
- Saves valuable rack space by delivering up to 6000 VA/4200W in only 3U
- Provides deployment versatility by offering rack and tower installation options with rail kits and pedestal provided
- Increases availability with hot-swappable batteries and power module and an optional external maintenance bypass
- Offers extended battery runtime options to power essential systems for more than an hour during an outage
- Simplifies UPS monitoring and management with a bright LCD user interface, intuitive LanSafe® software and optional eNotify service from Eaton®
- Provides investment protection with a two-year limited warranty and extended warranty options.

Product snapshot

Power rating:	6 kVA/4.2 kW
Voltage:	230V nominal, 200–250 Vac range
Frequency:	50/60 Hz (auto-sensing)
Configuration:	Rackmount (3U) or tower

If you operate a facility or data center, you know the reality well: utility power voltages can vary significantly from their specified value. Electricity from local utilities is typically plagued with surges, sags, electrical noise, harmonics, load fluctuations, outages and other interferences. These anomalies can corrupt data, cause process interruptions, and damage or destroy connected equipment.

The new **Eaton 9135 UPS** from our Powerware® series resolves these power problems and supplies continuous, conditioned power. You get clean power for valuable IT and networking equipment, battery backup to gracefully handle utility outages, and on-demand visibility into UPS status from anywhere.

The 9135 delivers superior power protection for medium-density data centers, banking and security systems, manufacturing process control, retail point-of-sale systems and telecommunications/VoIP equipment. Combining premium performance with innovative features, the 9135 is an exceptional UPS in its class.

Get more usable power for every utility dollar.

The 9135 provides exactly the level of power protection needed under the conditions of the moment—optimising for both efficiency and performance. When this feature is activated, the UPS monitors incoming power and operates in high-efficiency mode unless power conditions warrant an automatic switch to double-conversion mode.

With this technology, the UPS can operate at up to 97 percent efficiency under normal conditions—and up to 91 percent when poor power conditions require the UPS to work harder to deliver clean power. High efficiency leads to a greener IT infrastructure—one that uses less energy and dissipates less heat, which in turn reduces power and cooling costs.



Powering Business Worldwide

Technical specifications

General

User interface	Graphical LCD with blue backlight and text in English, French, German, Portuguese, Italian and Spanish
LEDs	Four status-indicating LEDs
Topology	Double-conversion
Diagnostics	Full system self-test
UPS bypass	Automatic bypass
Dimensions	See model selection guide
Rail kit	Included with all units

Electrical input

Nominal voltage	230V
User-selectable	200V, 208V, 220V, 230V, 240V and 250V
Voltage range	156–280 Vac (output PF 0.7)
Power draw of UPS (full load)	6000 VA: 26A @230V
Recommended input breaker rating	35A
Frequency	50/60 Hz autoselect
Frequency range	40–70 Hz

Electrical output

Power factor	0.7
On utility voltage regulation	±2% of nominal
On battery voltage regulation	±2% of nominal
Efficiency	>97% in high-efficiency mode; 91% in normal mode
Frequency regulation	±3% Hz online
Load crest factor	3 to 1

Battery

Internal battery type	5.5 Ah, sealed, lead-acid; maintenance free type
External battery modules	Up to four per 9135, rail kits included for rack mounting
EBM battery type	5.5 Ah, sealed, lead-acid; maintenance free
Battery runtime	Four (4) minutes with internal batteries @100% load (0.7 PF) For additional details, see battery runtime chart
Battery recharge time	Six (6) hours to recover 90 percent of nominal backup time after 100 percent RCD load discharge
Battery replacement	Hot-swappable internal and external batteries
Start-on-battery	Allows start of UPS without utility input

Models

Catalogue number	Rating (VA/Watts)	Input connection	Output receptacles	Dimensions H x W x D, in mm	Weight kg
Rack/Tower Models: 230V, 50/60 Hz					
PW9135G6000-XL3UEU	6000/4200	Hardwired	Hardwired + (2) C19, (8) C13	130 (3U) x 444 x 741	57.0
Extended Battery Modules					
PW9135N6000-EBM3U	N/A	N/A	N/A	130(3U) x 444 x 650)	77.5

Battery Backup Times (in minutes)

Load (VA/Watts)	Standard Internal Batteries	+1 EBM	+2 EBMs	+3 EBMs	+4 EBMs
1000/700	36	132	232	332	433
2000/1400	13	52	95	140	184
3000/2100	10	40	74	110	146
4000/2800	7	29	53	80	107
5000/3500	5	22	41	62	83
6000/4200	4	17	33	50	67

Communications

Serial port	RS-232 as standard, RS-232 cable provided
USB port	As standard (HID)
Relay output	DB-9 Dry Contact—common alarm as standard
Communications slot	Optional communication slots (MiniSlot)
Software	LanSafe UPS monitoring and management software

Environmental

Safety markings	230V: CE, C-Tick, UL, GS
EMC markings	230V: FCC-A, VCCI-A, BSMI-A, C-Tick, CE Compliance
Audible noise	Max 46 dB
Ambient operating	0°C to +40°C
Storage temperature	-20°C to +40°C with batteries and -25°C to +55°C without batteries
Relative humidity	5–90% non-condensing

Heat dissipation (BTUs/hour)

Operating mode	Efficiency	6 kVA
Normal	91%	1350
Battery	86%	1960
High efficiency	97%	450

Back panel configuration



Eaton Industries Pty. Ltd.
Electrical Group
Head Office:
10 Kent Road Mascot,
NSW 2020 Australia
1300 UPS UPS (1300 877 877)
www.powerware.com.au