Eaton 9130 Tower UPS

Product snapshot

Product rating:	700–3000 VA
Voltage	120 Vac, 208–240V
Frequency:	50/60 Hz (auto-sensing)
Configuration:	Tower

Advanced power protection for:

- IT and networking environments
- Servers, networking gear
- Telecommunications, VoIP, security systems
- Medical systems
- Diagnostics and medical screening
- Patient record archives
- Manufacturing systems
- Chip fabrication
- Pharmaceutical production
- Chemical processing

Features

- Protects against downtime, data loss and process interruption by providing continuous, clean power
- Expands monitoring, management and continuous uptime capabilities with the Intelligent Power® Software Suite—perfect for virtualized environments
- Offers premium performance with a 0.9 power factor and >95 percent efficiency in high efficiency mode
- Increases battery service life and system uptime with ABM® battery charging technology
- Enables prolonged runtime of essential equipment during power outages by allowing for orderly, remote shutdown of non-critical systems or processes
- Conserves valuable space with a slim tower design
- Provides a two-year limited warranty, an extended warranty and a $250,000 load protection guarantee (U.S. and Canada)

Maximum availability

- ABM technology increases battery life and system uptime
- Load segments allow for selective load shedding during outages
- Optional hot-swappable extended battery modules (EBMs) extend backup runtime for hours
- Internal hot-swappable batteries can be replaced without powering down the UPS
- UPS startup on battery power
- Optional HotSwap Maintenance Bypass (MBP) enables the entire UPS to be serviced or replaced without interrupting power to loads

Low total cost of ownership

- More real output power for dollar spent with 0.9 power factor
- Cuts energy usage and costs with >95% efficiency rating in high efficiency mode

Powering Business Worldwide

Bright LCD user interface

Add up to four EBMs for hours of runtime

UPS status and operation

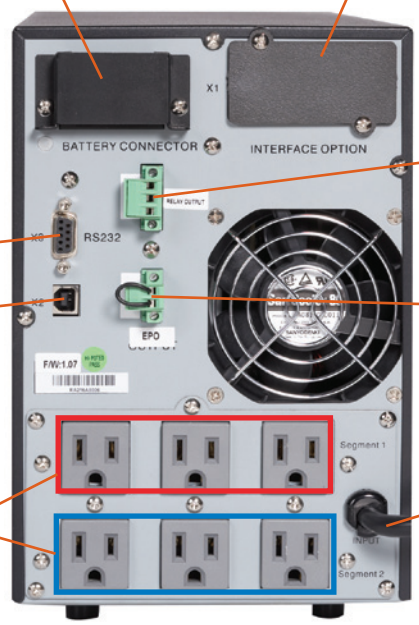
- Free Intelligent Power Software Suite for expanded monitoring, management and shutdown capabilities (compatible with VMware vCenter Server™ and Microsoft SCVMM™)
- Bright, front panel LCD for easy monitoring and management
- LEDs to show system status
- Direct monitoring via existing management systems and LANs
- Optional FlexPDU adds more plug-and-play flexibility, streamlining power distribution

Communications

- A standard communication slot accepts cards for Web, SNMP, Modbus or serial connectivity
- Connect directly to the Ethernet network and the Internet to monitor and manage the UPS with a standard Web browser
- Monitor power conditions in real time through existing facilities or building management system
- Monitor and gracefully shut down multiple servers and virtual machines running various operating systems
- Receive alarm notifications from the UPS, environmental monitoring devices, security systems or through your vCenter dashboard

For more information on the 9130, please visit **www.eaton.com/9130** or call **800.356.5794**.

Optional FlexPDU and HotSwap MBP for greater flexibility and uptime



UPS rear panel (PW9130L1500T-XL)

Battery runtimes (in minutes)

Load (VA/Watts)	Internal batteries	w/1 EBM	w/2 EBMs	w/3 EBMs	w/4 EBMs
PW9130L700T					
700/490	8	N/A	N/A	N/A	N/A
525/368	12	N/A	N/A	N/A	N/A
350/245	21	N/A	N/A	N/A	N/A
175/123	37	N/A	N/A	N/A	N/A
PW9130i700T					
700/490	8	N/A	N/A	N/A	N/A
525/368	12	N/A	N/A	N/A	N/A
350/245	19	N/A	N/A	N/A	N/A
175/123	35	N/A	N/A	N/A	N/A
PW9130L1000T-XL					
1000/700	10	40	73	108	149
750/525	13	58	101	152	219
500/350	24	85	172	249	304
250/175	48	190	310	451	569
PW9130G1000T-XL / PW9130i1000T-XL					
1000/700	10	40	78	110	150
750/525	13	55	103	151	223
500/350	22	82	186	250	312
250/175	47	190	328	431	584
PW9130L1500T-XL					
1500/1050	7	34	63	88	135
1125/788	11	44	84	129	210
750/525	18	79	148	207	267
375/263	38	167	278	475	540

Load (VA/Watts)	Internal batteries	w/1 EBM	w/2 EBMs	w/3 EBMs	w/4 EBMs
PW9130i1500T-XL					
1500/1050	7	32	61	98	128
1125/788	11	47	83	126	195
750/525	18	81	143	208	262
375/263	38	171	298	416	564
PW9130L2000T-XL					
2000/1400	15	61	111	156	194
1500/1050	21	81	145	184	269
1000/700	34	129	198	293	410
500/350	72	225	449	590	766
PW9130G2000T-XL / XLEU / PW9130i2000T-XL					
2000/1400	15	61	111	156	186
1500/1050	21	81	145	184	248
1000/700	34	129	198	293	431
500/350	72	225	449	590	840
PW9130L3000T-XL					
3000/2100	9	35	66	95	132
2250/1575	13	53	100	139	183
1500/1050	22	86	153	221	267
750/525	69	168	298	395	545
PW9130G3000T-XL / XLEU / PW9130i3000T-XL					
3000/2100	9	36	68	101	137
2250/1575	12	49	90	134	165
1500/1050	20	79	143	180	240
750/525	46	161	267	434	547

Notes:

Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.
Runtimes are shown at a 0.7 power factor.

9130 models

Catalog number	Style number	Rating (VA/Watts)	Input connection[1]	Output receptacles	Dimensions H x W x D, in (mm)	Weight, lb (kg)
North American models: 120V, 50/60 Hz						
PW9130L700T	103006426-6591	700/630	5-15P	(6) 5-15R	9.1 x 6.3 x 13.8 (230 x 160 x 350)	26.9 (12.2)
PW9130L1000T-XL	103006427-6591	1000/900	5-15P	(6) 5-15R	9.1 x 6.3 x 15.0 (230 x 160 x 380)	32.0 (14.5)
PW9130L1500T-XL	103006428-6591	1500/1350	5-15P	(6) 5-15R	9.1 x 6.3 x 16.9 (230 x 160 x 430)	41.9 (19.0)
PW9130L2000T-XL	103006429-6591	2000/1800	5-20P	(1) L5-20R, (4) 5-20R	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
PW9130L3000T-XL	103006430-6591	3000/2700	L5-30P	(4) 5-20R, (1) L5-30R	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
Global models: 208V, 50/60 Hz						
PW9130G1000T-XL	103006431-6591	1000/900	L6-20P[3]	(1) L6-20R, (2) 6-20R	9.1 x 6.3 x 15.0 (230 x 160 x 380)	32.0 (14.5)
PW9130G2000T-XL	103006432-6591	2000/1800	L6-20P[3]	(1) L6-20R, (4) 6-20R	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
PW9130G2000T-XLEU	103006478-6591	2000/1800	L6-20P[3]	(8) C13, (1) C19	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
PW9130G3000T-XL	103006446-6591	3000/2700	L6-20P[3]	(1) L6-30R, (1) L6-20R, (2) 6-20R	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
PW9130G3000T-XLEU	103006479-6591	3000/2700	L6-20P[3]	(8) C13, (1) C19	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
International models: 230V, 50/60 Hz						
PW9130i700T	103006433-6591	700/630	C14	(6) C13	9.1 x 6.3 x 13.8 (230 x 160 x 350)	26.9 (12.2)
PW9130i1000T-XL	103006434-6591	1000/900	C14	(6) C13	9.1 x 6.3 x 15.0 (230 x 160 x 380)	32.0 (14.5)
PW9130i1500T-XL	103006435-6591	1500/1350	C14	(6) C13	9.1 x 6.3 x 16.9 (230 x 160 x 430)	41.9 (19.0)
PW9130i2000T-XL	103006436-6591	2000/1800	C14	(8) C13, (1) C19	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
PW9130i3000T-XL	103006437-6591	3000/2700	C20	(8) C13, (1) C19	12.8 x 8.4 x 16.1 (325 x 214 x 410)	76.1 (34.5)
Extended battery modules						
PW9130N1000T-EBM[4]	103006438-6591	NA	NA	NA	9.1 x 6.3 x 15.0 (230 x 160 x 380)	40.8 (18.5)
PW9130N1500T-EBM[5]	103006439-6591	NA	NA	NA	9.1 x 6.3 x 16.9 (230 x 160 x 430)	53.6 (24.3)
PW9130N3000T-EBM[6] (50.0)	103006440-6591	NA	NA	NA	12.8 x 8.4 x 16.1 (325 x 214 x 410)	110.3

[1] Input cord length is 6 ft
[2] C14, w/detachable L6-20P
[3] C20, w/detachable L6-20P
[4] This EBM works with 1000 VA model, where available
[5] This EBM works with 1500 VA model
[6] This EBM works with 2000/3000 VA models, where available

Additional notes:

When high voltage 9130 is used at 208V, derate power by 10% and 20% at 200V
When low voltage 9130 is used at 110V, derate power by 10% and 20% at 100V

Comprehensive Eaton services available for 9130 Tower products

- Warranty+ extended warranties—3 or 5 years total
- On-site service plans for startups and preventive and corrective maintenance

Visit **www.eaton.com/9130** for details.

Technical specifications[1]

General	
User interface	Graphical LCD with blue backlight and text in English, French, German, Russian and Spanish
LEDs	Four status-indicating LEDs
Topology	True online, double-conversion
Diagnostics	Full system self-test
UPS bypass	Automatic bypass
Dimensions	See models table
Remote Emergency Power-off (REPO)	Emergency shutdown control through the REPO port

Electrical input	
Nominal voltage	120V, 208V, 220–240V
Voltage range	120V: 90–138 Vac 208/230V: 160–276 Vac
Power draw of UPS	700: 5.8A @120V, 3.4A @208V, 3.0A @230V 1000: 8.3A @120V, 4.8A @208V, 4.3A @230V 1500: 12.5A @120V, 7.2A @208V, 6.5A @230V 2000: 16.6A @120V, 9.6A @208V, 8.7A @230V 3000: 14.4A @208V, 13.0A @230V
Dedicated circuit breaker rating	**120V:** 700–1500 VA: 15A 2000 VA: 20A 3000 VA: 30A **208/230V:** 700–2000 VA: 10A 3000 VA: 16A
Frequency	50/60 Hz
Frequency range	45–65 Hz

Electrical output	
Power factor	0.9
On utility voltage regulation	±3% of nominal
On battery voltage regulation	±3% of nominal
Efficiency	>95% in high-efficiency mode; >86% in online mode
Frequency regulation	±3% Hz online
Load crest factor	3 to 1
Voltage waveform	Sine wave
Load segments	Two configurable, individually controlled receptacles

Battery	
Battery type	VRLA 12V/9 Ah (both internal and external)
Battery runtime	>3 minutes with internal batteries @100% load
Battery replacement	Hot-swappable internal and external batteries
Start-on-battery	Allows start of UPS without utility input

Communications	
Serial port	RS-232 standard, for interface to power management software
USB port	HID standard, for communicating with Windows 98, XP, ME and Vista computers
Relay output	Common alarm standard
Communications slot	Optional communication slot (Mini-Slot)
Optional communication cards	SNMP/Web card for direct control and monitoring in SNMP-based networks, monitoring of UPS status and meters through Web browser interface Relay card for integration to industrial environment and building management systems, remote shutdown for IBM AS/400 systems

Environmental	
Safety markings	120/208V: UL, CUL, VCCI 230V: CE, GS
EMC markings	120V: FCC Class B, EN55022 Class B (1.5 kVA and below); FCC Class A, EN55022 Class A (2.0 kVA and above) 230V: CE (per IEC/EN62040-2: Emissions, Category C1; Immunity, Category C2)
Audible noise	<50 dB
Ambient operating temperature	0˚C (32˚F) to +40˚C (104˚F)
Storage temperature	-20˚C (-4˚F) to +40˚C (104˚F) with batteries and -25˚C (-13˚F) to +55˚C (131˚F) without batteries
Relative humidity	5–90% non-condensing

Heat dissipation for all voltages: 208–240V and 120V

9130 model	Normal mode, BTUs/hr	On battery, BTUs/hr
700 VA	350	554
1000 VA	500	674
1500 VA	750	1,011
2000 VA	838	1,348
3000 VA	1,257	1,755

[1] Due to continuing product improvement programs, specifications are subject to change without notice.

The 9130 is part of the UPSgrade program

UPSgrade™

www.eaton.com/UPSgrade

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Finland: 358.94.52.661
France: 33.1.6012.7400
Germany: 49.0.7841.604.0
Italy: 39.02.66.04.05.40
Norway: 47.23.03.65.50
Portugal: 55.11.3616.8500
Sweden: 46.8.598.940.00
United Kingdom: 44.1753.608.700

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Australia: 61.2.9693.9366
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