

# Eaton 5130 UPS



High-density power protection for critical loads from 1250 to 3000 VA—delivering more performance in less space at a value price

## Product snapshot

<b>Power rating:</b>	1250 VA/1150W 1750 VA/1600W 2500 VA/2250W 3000 VA/2700W
<b>Voltage</b>	230 Vac,
<b>Frequency:</b>	50/60 Hz (auto-sensing)
<b>Topology:</b>	Line interactive, 0.9 power factor
<b>Configuration:</b>	Rack or tower; pedestal and/or rail kit provided

## Features

- Protects connected equipment from five of the most common power anomalies: failures, surges, sags, under-voltage and over-voltage
- Provides more real wattage in less space with a 0.9 power factor—to protect more equipment and leave more room to expand IT systems
- Offers the choice of rackmount or tower installation—with space-saving 2U or 3U reduced-depth packages, including internal batteries
- Enables prioritised shutdown of non-essential equipment during outages to maximise battery runtime for critical devices—with load segmentation.
- Maximises availability with extended battery runtime options, hot-swappable batteries, optional maintenance bypass, remote monitoring and power management software
- Provides a two year limited warranty, Warranty +, Startup +, Warranty + Silver and Warranty + Gold service options available.

## RACK/TOWER MODELS

Catalogue Number	Rating (VA/Watts)	Input Connection	Output Receptacles <sup>2</sup>	Dimensions H x W x D mm	Weight kg
<b>Rack/Tower Models: 230V, 50/60 Hz</b>					
PW5130i1250-XL2U	1250/1150	IEC C14-10A	(8) IEC-C13-10A	87 (2U) x 441 x 509	24.3
PW5130i1750-XL2U	1750/1600	IEC C14-10A	(8) IEC-C13-10A	87 (2U) x 441 x 509	26.6
PW5130i2500-XL2UAU	2500/2250	IEC C20-16A	(1) IEC-C19 16A, (8) IEC-C13 10A	87 (2U) x 441 x 634	33.8
PW5130i3000-XL2UAU	3000/2700	IEC C20-16A	(1) IEC-C19 16A, (8) IEC-C13 10A	87 (2U) x 441 x 634	33.8
PW5130i3000-XL3UAU	3000/2700	IEC C20-16A	(1) IEC-C19 16A, (8) IEC-C13 10A	131 (3U) x 441 x 484	34.3
<b>Rack/Tower Extended Battery Modules</b>					
PW5130N1750-EBM2U	NA	NA	NA	87 (2U) x 441 x 509	30.4
PW5130N3000-EBM2U	NA	NA	NA	87 (2U) x 441 x 634	41.7
PW5130N3000-EBM3U	NA	NA	NA	131 (3U) x 441 x 484	41.7

1. 230V models are adjustable to 150-294V range. 2. All models are equipped with (2) load segments (programmable outlets).

# Technical specifications

## General

LEDs	13 status-indicating LEDs
Topology	Line interactive
Diagnostics	Full system self-test at power up
Transfer time	1–4 ms typical
R00/RPO	Rear deck emergency stop connector (for remote on/off and power off)
Rail kit/tower stand	Included with all units

## Electrical input

Nominal voltage	230 Vac
Voltage range*	230V: 160–294V
Frequency	50/60 Hz (auto-sensing)
Frequency range	47–70 Hz for 50 Hz operation
Power draw of UPS (full load)	1250: 5.4A @230V 1750: 7.6A @230V 2500: 10.9A @230V 3000: 13.0A @230V

## Electrical output

Power factor	0.9
On utility voltage regulation	230V: 184–265 Vac
On battery voltage regulation	-10%, +6% of nominal
Efficiency	Normal or line mode: >94% On battery: 70% (1250–1750 VA), 75% (2500–3000 VA)
Frequency regulation	0.1 Hz
Over current protection	Electronic current limit
Load crest factor	3:1
PowerShare (Load segments)	Two individually controlled output receptacles

## Battery

Internal battery type	1250/2500 VA: 12V/7.2 Ah; sealed, lead-acid; maintenance free 1750/3000 VA: 12V/9 Ah; sealed, lead-acid; maintenance free
EBM battery type	12V/9 Ah
Battery runtime	1250 VA: 5 min w/internal batteries @100% load (0.9 PF) 1750 VA: 3.5 min w/internal batteries @100% load (0.9 PF) 2500VA: 3 min w/internal batteries @100% load (0.9 PF) 3000 VA: 3 min w/internal batteries @100% load (0.9 PF)
Battery replacement	Hot-swappable internal batteries
Start-on-battery	Allows start of UPS without utility input

## Communications

Serial port	RS-232 (RJ45) ports
USB port	As standard (HID)
Optional communications slots	ConnectUPS-MS network management card ModBus/JBus AS400/Relay card
Cables included	- RS-232 and USB 2 metre communications - 2x10Amp IEC to IEC output cable - 15Amp Australian input cable (2.5 & 3kva only)
Power management software	Eaton Software Suite CD-ROM (bundled with UPS) software

## Environmental

Safety markings	230V: C-Tick; CE, TUV, cUL, UL
Safety conformance	230V: UL1778, UL 497A (data line only); cUL (CAN/CSA C22.2, No. 107.1); EN 50091-1-1 and IEC 60950
EMC compliance	230V: EN 50091-2. FCC Part 15 subpart J Class A
Operating temperature	1250 VA: 0°C to +40°C 1750–3000 VA: 0°C to +35°C
Storage temperature	-15°C to +50°C
Relative humidity	20–95% non-condensing
Surge suppression	ANSI C62.41 Category A (formerly IEEE 587)
Audible noise	Max 45 dBA
Altitude	Up to 10,000 ft (3000M) without de-rating

## Heat dissipation table (battery fully charged)

5130 model	Line mode, BTUs/hr	Battery mode, BTUs/hr
1250 VA	250	1,682
1750 VA	348	2,340
2500 VA	490	2,559
3000 VA	588	3,071

\* The high and low thresholds can be user adjusted using the downloadable UPS Configuration tool.

Rack/Tower Models	Internal Batteries	+1 EBM +2 EBMs +3 EBMs +4 EBMs			
		Half Load/ Full Load			
PW5130i1250-XL2U	15/5	58/29	100/54	143/99	185/104
PW5130i1750-XL2U	9/3	36/16	62/28	89/41	115/53
PW5130i2500-XL2UUAU	11/3	55/23	100/42	150/63	206/85
PW5130i3000-XL2UUAU	10/3	44/17	73/32	101/47	130/62
PW5130i3000-XL3UUAU	10/3	44/17	73/32	101/47	130/62

Battery Backup Times in minutes Half Load/ Full Load



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