Eaton 5130 UPS
1250, 1750, 2500, 3000 VA

2U rackmount installation

Advanced power protection for:

- IT and networking environments
- Servers, networking gear
- Telecommunications, VoIP, security systems

Line interactive UPS

Highest power performance

- The 5130 protects connected equipment from five of the most common power anomalies: failures, surges, sags, under-voltage and overvoltage.

- 0.9 power factor: more real power to your protected load. By delivering more real output power, the 5130 powers more servers than another UPS of equivalent VA rating with a lower power factor. 5130 is compatible with all modern IT equipment.

Unmatched reliability

- Load segment control enables prioritized shutdown of non-essential equipment during outages to maximize battery runtime for critical devices. Load segment control can also be used to remotely re-boot locked-up network equipment or manage scheduled shutdowns and sequential startups.

- You can extend the runtime to several hours by adding up to four external battery modules. Each external battery module occupies only 2U for most models (3U for reduced depth, 3000 VA models).

- With hot-swappable batteries, you can replace a battery module without disrupting server room operations or power to protected equipment. With an optional, hot-swap maintenance bypass module, you can even replace the entire UPS.

Outstanding versatility

- The UPS offers the choice of rackmount or tower installation. Pedestal (on 2U models) and rail kits are included at no extra charge.

- The 2U model is optimized for rack mounting but is easily deployed as a tower. The 3U unit is optimized for tower deployment or short-depth racks, which makes it especially suitable for telecom equipment racks

- The 5130 offers Serial and USB communication plus an extra slot for optional communication card (including SNMP/Web card, relay contact card) allowing remote monitoring in a variety of networking environments.

- The UPS comes complete with the Eaton Software Suite CD, including SNMP compatible power management software.

FAT•N

Powering Business Worldwide

Eaton 5130 UPS

1. Panel for replacing batteries
2. Load segments
3. USB & Serial ports + RPO/ROO connector
4. Communication card slot
5. LED user interface
6. EBM connector

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
ROO/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*	160–294 V
Frequency	50/60 Hz
Frequency range	47–70 Hz for 50 Hz operation 56.5–70 Hz for 60 Hz operation
Dedicated circuit breaker rating	700–2000 VA: 10A 3000 VA: 16A

Electrical Output

Power factor	0.9
On utility voltage regulation	184–265 Vac
On battery voltage regulation	-10%, +6% of nominal
Efficiency	Normal or line mode: >94%
Over current protection	Electronic current limit
Load crest factor	3:1
Load segments	Two groups of two individually controlled output receptacles

Battery

Battery replacement	Hot-swappable internal batteries
Start-on-battery	Allows start of UPS without utility input

Communications

Serial port	RS-232 (RJ45) port
USB port	As standard (HID), for communicating with Windows XP/Vista
Optional communication cards	MS- format cards (Network or Relay)
Cables	RS 232 and USB communications cables included
Power management software	Eaton Software Suite CD-ROM (bundled with UPS)

Environmental

Safety markings	CE; C-Tick; TUVus
Safety conformance	IEC/EN 62040-1, UL 1778
EMC compliance	IEC/EN 62040-2 EN 50091-2 class B
Operating temperature	0°C to +40°C
Storage temperature	-15°C to +50°C
Relative humidity	20–95% non-condensing
Audible noise	Max 45 dBA

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

Description	Part number	Rating (VA/Watts)	Input connection	Output receptacles	Dimensions H x W x D, mm	Weight, kg
PW5130i1250-XL2U	103006590-6591	1250/1150	IEC C14-10A	(8) IEC-C13-10A	86 x 441 x 509	24,3
PW5130i1750-XL2U	103006591-6591	1750/1600	IEC C14-10A	(8) IEC-C13-10A	86 x 441 x 509	26,6
PW5130i2500-XL2U	103006592-6591	2500/2250	IEC C20-16A	(1) IEC-C19-16A (8) IEC-C13-10A	86 x 441 x 634	33,8
PW5130i3000-XL2U	103006593-6591	3000/2700	IEC C20-16A	(1) IEC-C19-16A (8) IEC-C13-10A	86 x 441 x 634	33,8
PW5130i3000-XL3U	103006594-6591	3000/2700	IEC C20-16A	(1) IEC-C19-16A (8) IEC-C13-10A	131 x 441 x 484	34,3
Extended Battery Modules						
PW5130N1750-EBM2U	103006587-6591	NA	NA	NA	86 x 441 x 509	30,4
PW5130N3000-EBM2U	103006589-6591	NA	NA	NA	86 x 441 x 634	41,7
PW5130N3000-EBM3U	103006588-6591	NA	NA	NA	131 x 441 x 484	41,7

BATTERY RUNTIMES*	Internal batteries		+1 EBM		+2 EBMs		+3 EBMs		+4 EBMs	
	75% Load	50% Load	75% Load	50% Load	75% Load	50% Load	75% Load	50% Load	75% Load	50% Load
PW5130i1250-XL2U	13	20	52	105	90	175	125	225	175	300
PW5130i1750-XL2U	9	14	33	60	55	100	80	145	105	180
PW5130i2500-XL2U	10	17	50	85	80	130	130	210	180	290
PW5130i3000-XL2U/3U	9	15	38	60	70	100	90	150	120	210

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

www.eaton.com/powerquality