

# Eaton 9130 UPS

700 – 6000 VA



Multilingual LCD

#### 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



#### Double conversion UPS

##### Highest power performance

- Double conversion topology. The 9130 constantly monitors power conditions and regulates voltage and frequency. Even when presented with the most severe power problems, UPS's output remains within 3% of nominal voltage.
- More real power. High 0.9 output power factor enables the 9130 to provide its full power capability to modern IT equipment.
- Highest efficiency to reduce utility and cooling spending. The 9130 can provide up to 95% efficiency in online double conversion mode and up to 98% in high-efficiency mode.

##### Unmatched reliability

- The internal bypass allows service continuity in case of internal fault, a maintenance bypass is also available (as option) for easy replacement of the UPS without powering down critical systems.
- Stronger, longer battery life. Eaton ABM® battery management technology uses an innovative three-stage charging technique, that only recharges the battery when necessary, so the battery experiences less corrosion and service life is prolonged by up to 50%.
- Batteries can be hot-swapped without ever having to shut down connected equipment.
- Possibility to add more runtime at any time with up to four external hot-swappable battery modules to run systems for hours if necessary.
- Enables prolonged runtime of essential equipment during power outages by allowing for orderly, remote shutdown of non-critical systems and processes thanks to a capability to control load segments (available up to 3kVA).

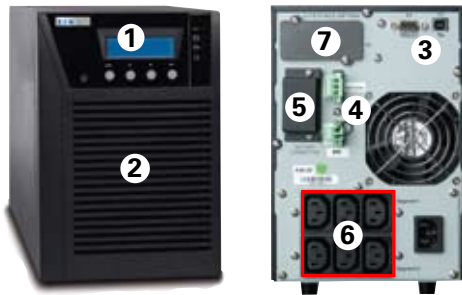
##### Outstanding versatility

- One platform, two factors, dozens of choices. Up to 3000 VA of UPS power is packed into only 2U of rack space. The tower option is about the size of a modern, compact PC.
- Enhanced configuration capability through easily navigated multilingual graphical display.
- Remote monitoring. The 9130 comes complete with the Eaton Software Suite CD including SNMP-compatible power management software providing control and visibility over all your UPS systems.
- Connectivity options are available for almost any network environment.



Powering Business Worldwide

# Eaton 9130 UPS



1. Multilingual graphical LCD display
2. Panel for replacing batteries
3. 1 USB port + 1 serial port
4. 1 Relay Output + 1 EPO connector
5. EBM battery unit connector
6. Load segments
7. Communication card slot



## TECHNICAL SPECIFICATIONS

| 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                                                                           |
| Rail kit             | Included with all rackmount units                                                          |
| Electrical Input     |                                                                                            |
| Nominal voltage      | 220–240V                                                                                   |
| Voltage range        | up to 120–276 VAC (depending on load level)                                                |
| Frequency range      | 40–70 Hz (50/60 Hz)                                                                        |
| Electrical Output    |                                                                                            |
| Power factor         | 0.9                                                                                        |
| Voltage              | ±3 % of nominal regulation (on utility and battery)                                        |
| Frequency regulation | ±3 Hz online                                                                               |
| Load crest factor    | 3 to 1                                                                                     |

| Communications                            |                                                                                                                                                                                                     |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ports                                     | RS-232 and USB HID port as standard                                                                                                                                                                 |
| Relay output                              | Common alarm standard                                                                                                                                                                               |
| Optional communication cards (BD/MS Slot) | SNMP/Web card for monitoring in SNMP-based networks, monitoring through Web browser interface. Relay card for integration to industrial environment and BMS, remote shutdown for IBM AS/400 systems |
| Environmental                             |                                                                                                                                                                                                     |
| Safety and EMC markings                   | IEC/EN 62040-1-1, IEC/EN 62040-2, CE marking                                                                                                                                                        |
| Audible noise                             | <50 dB                                                                                                                                                                                              |
| Ambient operating                         | 0°C to +40°C                                                                                                                                                                                        |
| Storage temperature                       | -20°C to +40°C with batteries and<br>-25°C to +55°C without batteries                                                                                                                               |
| Relative humidity                         | 5–90% non-condensing                                                                                                                                                                                |

| Description                           | Part number    | Rating (VA/Watts) | Input connection | Output receptacles | Dimensions H x W x D, mm | Weight, kg |
|---------------------------------------|----------------|-------------------|------------------|--------------------|--------------------------|------------|
| <b>Tower Models</b>                   |                |                   |                  |                    |                          |            |
| PW9130i700T                           | 103006433-6591 | 700/630           | C14              | (6) C13            | 230 x 160 x 350          | 12.2       |
| PW9130i1000T-XL                       | 103006434-6591 | 1000/900          | C14              | (6) C13            | 230 x 160 x 380          | 14.5       |
| PW9130i1500T-XL                       | 103006435-6591 | 1500/1350         | C14              | (6) C13            | 230 x 160 x 430          | 19.0       |
| PW9130i2000T-XL                       | 103006436-6591 | 2000/1800         | C14              | (8) C13, (1) C19   | 325 x 214 x 410          | 34.5       |
| PW9130i3000T-XL                       | 103006437-6591 | 3000/2700         | C20              | (8) C13, (1) C19   | 325 x 214 x 410          | 34.5       |
| PW9130i5000T-XL                       | 103007841-6591 | 5000/4500         | Hardwire         | Hardwire           | 574 x 244 x 542          | 75.5       |
| PW9130i6000T-XL                       | 103007842-6591 | 6000/5400         | Hardwire         | Hardwire           | 574 x 244 x 542          | 75.5       |
| <b>Tower Extended Battery Modules</b> |                |                   |                  |                    |                          |            |
| PW9130N1000T-EBM                      | 103006438-6591 | NA                | NA               | NA                 | 230 x 160 x 380          | 18.5       |
| PW9130N1500T-EBM                      | 103006439-6591 | NA                | NA               | NA                 | 230 x 160 x 430          | 24.3       |
| PW9130N3000T-EBM                      | 103006440-6591 | NA                | NA               | NA                 | 325 x 214 x 410          | 50.0       |
| PW9130N6000T-EBM                      | 103007843-6591 | NA                | NA               | NA                 | 574 x 244 x 542          | 111        |
| <b>Rack Models</b>                    |                |                   |                  |                    |                          |            |
| PW9130i1000R-XL2U                     | 103006455-6591 | 1000/900          | C14              | (6) C13            | 86.5 x 438 x 450         | 16         |
| PW9130i1500R-XL2U                     | 103006456-6591 | 1500/1350         | C14              | (6) C13            | 86.5 x 438 x 450         | 19         |
| PW9130i2000R-XL2U                     | 103006457-6591 | 2000/1800         | C14              | (8) C13, (1) C19   | 86.5 x 438 x 600         | 29         |
| PW9130i3000R-XL2U                     | 103006463-6591 | 3000/2700         | C20              | (8) C13, (1) C19   | 86.5 x 438 x 600         | 29.5       |
| <b>Rack Extended Battery Modules</b>  |                |                   |                  |                    |                          |            |
| PW9130N1000R-EBM2U                    | 103006458-6591 | NA                | NA               | NA                 | 86.5 x 438 x 450         | 22.1       |
| PW9130N1500R-EBM2U                    | 103006459-6591 | NA                | NA               | NA                 | 86.5 x 438 x 450         | 28.1       |
| PW9130N3000R-EBM2U                    | 103006460-6591 | NA                | NA               | NA                 | 86.5 x 438 x 600         | 41.1       |

| 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 |
| <b>Rack models</b>  |                    |          |          |          |          |          |          |          |          |          |
| PW9130i1000R-XL2U   | 13                 | 22       | 55       | 82       | 103      | 186      | 151      | 250      | 223      | 312      |
| PW9130i1500R-XL2U   | 11                 | 18       | 47       | 81       | 83       | 143      | 126      | 208      | 195      | 262      |
| PW9130i2000R-XL2U   | 13                 | 24       | 63       | 95       | 118      | 190      | 170      | 242      | 221      | 345      |
| PW9130i3000R-XL2U   | 8                  | 14       | 34       | 62       | 70       | 92       | 96       | 156      | 130      | 211      |
| <b>Tower models</b> |                    |          |          |          |          |          |          |          |          |          |
| PW9130i700T-XL      | 12                 | 19       | N/A      | N/A      | N/A      | N/A      | N/A      | N/A      | N/A      | N/A      |
| PW9130i1000T-XL     | 13                 | 22       | 55       | 82       | 103      | 186      | 151      | 250      | 223      | 312      |
| PW9130i1500T-XL     | 11                 | 18       | 47       | 81       | 83       | 143      | 126      | 208      | 195      | 262      |
| PW9130i2000T-XL     | 21                 | 34       | 81       | 130      | 145      | 198      | 184      | 293      | 248      | 431      |
| PW9130i3000T-XL     | 12                 | 20       | 49       | 79       | 90       | 143      | 134      | 180      | 165      | 240      |
| PW9130i5000T-XL     | 20                 | 34       | 81       | 136      | 153      | 232      | 217      | 328      | 273      | 477      |
| PW9130i6000T-XL     | 16                 | 27       | 66       | 107      | 120      | 194      | 178      | 267      | 231      | 372      |

\* 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](http://www.eaton.com/powerquality)

In the interests of continuous product improvement all specifications are subject to change without notice.

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