

Eaton 9140 UPS

7,5 - 10 kVA



Advanced power protection for:

Wire closets, server rooms



Double conversion UPS

Highest power performance

- Double conversion topology provides the highest level of protection available by isolating the output power from all input anomalies.
- 9140 protects mission-critical rackmount applications from downtime, data loss/corruption, and process interruption and delivers efficient, reliable power protection in only 6U of rack space, including batteries.

Unmatched reliability

- Advanced Battery Management (ABM) 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.
- An internal automatic bypass feature allows the 9140 to continuously provide power to critical equipment while the system is serviced – even when the electronics are removed. A manual bypass switch in the chassis eliminates transfer time and allow for module repair and replacement without shutting down the load.

Outstanding versatility

- All 9140 UPS models and corresponding EBMs come with pre-installed rackmount hardware for easy installation in standard equipment racks (compatible with seismic requirements).
- The 9140 conserves valuable rack space with up to 10 kVA of power in only 6U of height, including batteries.
- Modular lightweight design facilitates installation and improves service time.
- The UPS is blade servers compatible with standard IEC receptacles.
- The 9140 features both LEDs and an intuitive, multilingual LCD screen on the front of the unit. This relays more in-depth operational information, communicates specific alarms and predictive service needs, and can be used to program certain features.
- LanSafe® shutdown software monitors the UPS and in the event of an extended power failure shuts down the entire network in predefined order.

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Powering Business Worldwide

Eaton 9140 UPS



1. Multilingual graphical LCD display
2. Panel for replacing batteries
3. 1 USB port + 1 serial port
4. 1 REPO connector
5. EBM battery unit connector
6. Hardwired output + 3xIEC 16A and 2xIEC 10A
7. Communication card slot



TECHNICAL SPECIFICATIONS

| Rating | 7,5 kVA | 10 kVA |
|------------------------------|--|---|
| Part number | 103005093-6591 | 103004728-6591 |
| Capacity (kVA/kW) | 7.5 / 6 | 10 / 8 |
| Dimensions HxWxD (mm) | 263x430x760 | 263x430x760 |
| Weight | | |
| UPS | 115 kg | 115 kg |
| EBM | 79 kg | 79 kg |
| Battery modules | 17 kg | 17 kg |
| Power module | 18 kg | 18 kg |
| Input connection | Hardwired | Hardwired |
| Output connection | Hardwired + 3xIEC320 16A & 2xIEC320 10A | Hardwired + 3xIEC320 16A & 2xIEC320 10A |
| Battery runtime | 65 minutes with 4 EBMs at full load | 45 minutes with 4 EBMs at full load |
| Operational | | |
| Nominal input voltage (Vac) | Single phase 200-208 V (for 200-208 V nominal output): 220-240 V Three phase 380 / 220 V, 400 / 230 V, 415 / 240 V | |
| Input voltage range | Single phase 160-253 V (for 200-208 nominal output); 174-288 V (for 220-240 V nominal output) Three phase 301-499 V / 174 -288 V | |
| Operating frequency | 50/60 Hz auto-sensing | |
| Input power factor | 0,99 | |
| Input current distortion | < 5% THD | |
| Nominal output voltage | 200 V / 208 V / 220 V / 230 V / 240 user selectable | |
| Output voltage regulation | ±2% static, ±10% dynamic | |
| Overload capacity | ±10% of 112 to 130% for 60 sec, transfer to bypass | |
| Permitted load power factors | 0,7 lag – 0,8 leading | |
| Efficiency | > 90% | |
| User interface | | |
| LCD display | Multilingual graphical LCD with blue backlight | |
| LED | 4 LED | |
| Standard communication ports | 1 x USB, 1 x RS232 serial, 1 x REPO | |
| Communication Slot | 1 x XSlot communication bay | |
| Power management software | Bundled software suite CD Eaton 9140 is HID-compliant | |
| Optional | Extended battery modules 3U EBM Slot connectivity: Web/SNMP, Modbus/Jbus, Relay, RS 232 cards | |
| Environmental | | |
| Operating temperature | 0°C to +40°C | |
| Storage temperature | -20°C to +50°C | |
| Altitude | Operating 3000 m, transit 15000 m | |
| Audible noise | < 55 dB(A) at 1,5 metres | |
| Certification | | |
| Markings | CE, GOST | |
| Safety | IEC/EN 62040-1, CE, UL, cULus, NOM, TUV | |
| EMC | IEC/EN 62040-2, CE, FCC, VCCI, C-tick | |

