

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.



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 62040-1-1, CE, UL, cULus, NOM, TUV
EMC	IEC/EN 62040-2, CE, FCC, VCCI, C-tick

