



ИБП Eaton 9PX 1500i RT2U Netpack (9PX1500IRTN) - Eaton серии 9PX 1000-3000 Вт брошюра (на англ.)

Постоянная ссылка на страницу: <https://eaton-power.ru/catalog/eaton-9px/eaton-9px-1500-vt-rt2u-s-setevoy-k>

Eaton 9PX UPS

1000–3000W



3000W in only 2U!

Advanced protection for:

- Small and Medium Datacentre
- IT, Networking, Storage and Telecom
- Infrastructure, Industrial and Medical



Energy efficient power protection

Performance and efficiency

- 9PX is the first UPS in its class to provide Unity power factor (VA=W). It delivers 11% more power than any other UPS as well as powering more servers with equivalent VA ratings and lower power factors.
- Energy Star qualified, the 9PX provides the highest efficiency level to reduce energy and cooling costs.
- Double conversion topology. The Eaton 9PX constantly monitors power conditions and regulates voltage and frequency.
- With a versatile Rack/Tower form factor, the 9PX is the most compact solution delivering up to 3000W in only 2U.

Manageability

- The graphical LCD display provides clear information on the UPS's status and measurements on a single screen. Enhanced configuration capabilities are also available.
- 9PX can meter energy consumption right down to the managed outlet groups. kWh values can be monitored using the LCD or Eaton's Intelligent Power™ Software.
- Load segment control enables prioritised shutdowns of non-essential equipment to maximize battery runtime for critical devices.
- 9PX offers Serial and USB connectivity, plus an extra slot for an optional communication card. Eaton's Intelligent Power Software seamlessly integrates with leading virtualisation environments and cloud orchestrations tools.

Availability and flexibility

- 9PX 2200 & 3000 are available in RT2U format (optimised for rack mounting) or RT3U (for tower or short-depth racks), pedestal and rail kits are included with all models.
- The internal bypass allows service continuity in case of internal fault, a maintenance bypass is also available (as standard on HotSwap version) for easy replacement of the UPS.
- Stronger, longer battery life: Eaton ABM® battery management technology uses an innovative three-stage charging technique that extends battery life by up to 50%.
- More runtime can be added with up to 4 external hot-swappable battery modules, able to run systems for hours if necessary.



VA =
Watt



Powering Business Worldwide

Eaton 9PX UPS technical specifications

- 1 Graphical LCD display :
 - Clear information on UPS status and measurements
 - Enhanced configuration capabilities
- 2 Panel for batteries replacement (Hot swappable)
- 3 Slot for Management card (Network card delivered as standard on netpack version)



Eaton 9PX 3000VA

- 4 Outputs: 8 x IEC 10A + 2 x IEC 16A with energy metering (including 2 programmable groups)
- 5 USB port, 1 serial port, Remote ON/OFF, Remote power OFF and Relay output
- 6 External battery (EBM) connector

| Technical specifications | 1000 | 1500 | 2200 | 3000VA | | |
|---|--|---|---|---|--------|-------|
| Rating (VA/W) | 1000VA/1000W | 1500VA/1500W | 2200VA/2200W | 3000VA/3000W | | |
| Format | RT2U (tower/rack 2U) | | RT2U (tower/rack 2U) and RT3U (tower/rack 3U) | | | |
| Electrical characteristics | | | | | | |
| Technology | On-line double conversion with Power Factor Correction (PFC) system | | | | | |
| Nominal voltage | 200/208/220/230/240V | | | | | |
| Input voltage range | 176-276V without derating (up to 100-276V with derating) | | | | | |
| Input frequency range | 40-70Hz, 50/60Hz autoselection, frequency converter mode | | | | | |
| Efficiency | up to 91.5% in online mode (up to 97.5% in Hi-efficiency mode) | up to 92.5% in online mode (up to 97.5% in Hi-efficiency mode) | up to 93.5% in online mode (up to 98% in Hi-efficiency mode) | up to 94% in online mode (up to 98% in Hi-efficiency mode) | | |
| Connections | | | | | | |
| Input | 1 IEC C14 (10A) | | 1 IEC C20 (16A) or terminal block on HotSwap MBP HW (Hard-Wired) | | | |
| Outputs | 8 IEC C13 (10A) sockets | | 8 IEC C13 (10A) sockets + 2 IEC C19 (16A) sockets | | | |
| Outputs on HotSwap models | 4 FR/Schuko sockets or 3 BS sockets or 6 IEC 10A sockets or terminal blocks (HW version) | | | | | |
| Switched outlet group | 2 outlet groups | | | | | |
| Batteries | | | | | | |
| Typical backup times* | 300W | 500W | 800W | 1200W | 1800W | 2500W |
| 9PX 1000 | 28 | 16 | 9 | | | |
| 9PX 1000 + 1 EBM/+4 EBM | 134/530 | 79/316 | 47/188 | | | |
| 9PX 1500 | 38 | 23 | 13 | 7 | | |
| 9PX 1500 + 1 EBM/+4 EBM | 143/536 | 86/319 | 52/192 | 32/120 | | |
| 9PX 2200 | 43 | 25 | 15 | 9 | 5 | |
| 9PX 2200 + 1 EBM/+4 EBM | 206/818 | 123/491 | 74/297 | 47/189 | 29/118 | |
| 9PX 3000 | 60 | 36 | 22 | 13 | 7 | 4 |
| 9PX 3000 + 1 EBM/+4 EBM | 221/824 | 135/504 | 83/307 | 52/194 | 33/122 | 22/82 |
| Battery management | ABM® & temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units | | | | | |
| Communication | | | | | | |
| Communication ports | 1 USB port + 1 serial RS232 port + 1 mini-terminal block for remote ON/OFF + 1 mini-terminal block for remote power off + 1 mini-terminal block for output relay | | | | | |
| Communication slot | 1 slot for Network-MS card (included in netpack versions), ModBus-MS or Relay-MS cards | | | | | |
| Operating conditions, standards and approvals | | | | | | |
| Operating temepature | 0 to 40°C | | | | | |
| Typical noise level | 35dB | | 40dB | | | |
| Safety | IEC/EN 62040-1, UL 1778, CSA 22.2 | | | | | |
| EMC | IEC/EN 62040 -2, FCC Class B, CISPR22 Class B | | | | | |
| Approvals & markings | CE /CB report (TUV) / cULus / EAC /RCM / KC / Energy Star | | | | | |
| Dimensions H x W x D in mm/ Weight | | | | | | |
| UPS | 86.5*440*450/17.4kg | 86.5*440*450/18.9kg | 2U version: 86.5*440*605/25kg 3U version: 130*440*485/24.5kg | 2U version: 86.5*440*605/27.6kg 3U version: 130*440*485/27.4kg | | |
| EBM | 86.5*440*450/29.8kg | | 2U version: 86.5*440*605/39.2kg 3U version: 130*440*485/38.2kg | | | |
| Customer service and support | | | | | | |
| Warranty | 3 years on electronics, 2 years on batteries | | | | | |

* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

| Parts numbers* | 9PX 1kVA | 9PX 1.5kVA | 9PX 2.2kVA | 9PX 3kVA |
|-----------------------------|--------------|--------------|---|---|
| UPS RT3U | | | 9PX2200IRT3U | 9PX3000IRT3U |
| UPS RT2U | 9PX1000IRT2U | 9PX1500IRT2U | 9PX2200IRT2U | 9PX3000IRT2U |
| UPS RT3U with HotSwap MBP | | | IEC: 9PX2200IRTBPH HW: 9PX2200IRTBPH FR: 9PX2200IRTBPF DIN: 9PX2200IRTBPD BS: 9PX2200IRTBPB | IEC: 9PX3000IRTBPH HW: 9PX3000IRTBPH FR: 9PX3000IRTBPF DIN: 9PX3000IRTBPD BS: 9PX3000IRTBPB |
| UPS RT2U with Network card | 9PX1000IRTN | 9PX1500IRTN | 9PX2200IRTN | 9PX3000IRTN |
| EBM | 9PXEbm48RT2U | | 2U: 9PXEbm72RT2U 3U: 9PXEbm72RT3U | |
| 2m battery connection cable | EBMCBL48 | | EBMCBL72 | |
| Battery integration system | BINTSYS | | | |

*All 9PX UPS and EBM are delivered with rack kit