



ИБП Eaton 9PX 3000 Вт RT3U BS HotSwap (9PX3000IRTBPB) - ИБП Eaton 9PX 2,2 кВА и 3 кВА - Брош

Постоянная ссылка на страницу: <https://eaton-power.ru/catalog/eaton-9px/eaton-9px-3000-vt-rt3u-bs-hotswap>

Eaton 9PX UPS

2200–3000W



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

EATON

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)



- 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

Eaton 9PX 3000VA

| Technical Specifications | 2200VA | 3000VA | | | | |
|--|--|--------------|------|---|-------|--|
| Rating (VA/W) | 2200VA/2200W | 3000VA/3000W | | | | |
| Format | RT2U (tower/rack 2U) and RT3U (tower/rack 3U short depth) | | | | | |
| 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 93% 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 C20 (16A) or terminal block on HotSwap MBP HW (Hard-Wired) | | | | | |
| Outputs | 8 IEC C13 (10A) sockets + 2 IEC C19 (16A) sockets | | | | | |
| Outputs with HotSwap Maintenance Bypass | 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 (minutes)* | 300W | 500W | 800W | 1200W | 1800W | 2500W |
| 9PX 2200 | 44 | 23 | 15 | 9 | 5 | |
| 9PX 2200 + 1 EBM | 205 | 120 | 75 | 47 | 29 | |
| 9PX 2200 + 4 EBM | 780 | 480 | 295 | 184 | 118 | |
| 9PX 3000 | 60 | 36 | 23 | 13 | 7 | 4 |
| 9PX 3000 + 1 EBM | 221 | 140 | 84 | 52 | 33 | 22 |
| 9PX 3000 + 4 EBM | 824 | 520 | 320 | 194 | 122 | 80 |
| 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 temperature | 0 to 40°C | | | | | |
| Typical Noise level | 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 | 2U version: 86,5*440*605/25kg 3U short depth version: 130*440*485/24.5kg | | | 2U version: 86,5*440*605/27.6kg 3U short depth version: 130*440*485/27.4kg | | |
| EBM | 2U version: 86,5*440*605/39.2kg 3U short depth 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* | | | | | | |
| UPS RT3U | 9PX2200IRT3U | | | 9PX3000IRT3U | | |
| UPS RT2U | 9PX2200IRT2U | | | 9PX3000IRT2U | | |
| UPS RT3U with HotSwap MBP | IEC: 9PX2200IRTBP HW: 9PX2200IRTBPH FR: 9PX2200IRTBPF DIN: 9PX2200IRTBPD BS: 9PX2200IRTBPB | | | IEC: 9PX3000IRTBP HW: 9PX3000IRTBPH FR: 9PX3000IRTBPF DIN: 9PX3000IRTBPD BS: 9PX3000IRTBPB | | |
| UPS RT2U with Network card | 9PX2200IRTN | | | 9PX3000IRTN | | |
| EBM | 2U: 9PXEBM72RT2U 3U: 9PXEBM72RT3U | | | | | |
| 2m battery connection cable | EBMCBL72 | | | | | |
| Battery Integration System | BINTSYS | | | | | |

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