# Specifications







## Eaton 9PXM8S8K

Eaton 9PXM UPS, 8 kVA scalable to 16 kVA, Hardwired input, Hardwired output, 208-240V, Rack/Tower, 14U

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton 9PXM UPS |
| **CATALOG NUMBER** | 9PXM8S8K |
| **UPC** | 743172091536 |
| **PRODUCT LENGTH/DEPTH** | 34.5 in |
| **PRODUCT HEIGHT** | 25 in |
| **PRODUCT WIDTH** | 17.5 in |
| **PRODUCT WEIGHT** | 333 lb |
| **COMPLIANCES** | TAA Compliant<br>FCC Compliant |
| **CERTIFICATIONS** | IEC Rated<br>cULus Listed |
| **PRODUCT TYPE** | UPS |

## Battery

| | |
|---|---|
| **RUNTIME GRAPH** | View runtime graph |
| **BATTERY REPLACEMENT** | Hot-swappable internal batteries and extended battery modules (EBMs) |
| **BATTERY MANAGEMENT** | ABM technology (3-stage charging extends battery service life by 50% and provides advance warning for battery replacement) |
| **EXTENDED BATTERY CAPABILITY** | Yes |

## Electrical input

| | |
|---|---|
| **INPUT CONNECTION** | Hardwired |
| **INPUT NOMINAL VOLTAGE** | 110 VAC<br>120 VAC<br>127 VAC<br>208 VAC<br>220 VAC<br>240 VAC |
| **INPUT NOMINAL VOLTAGE** | 110V/220V, 120V/208V, 120V/240V, 127V/220V |
| **INPUT POWER FACTOR** | >0.99 typical |
| **INPUT FREQUENCY RANGE** | 60 Hz: 50–70 Hz |

## Electrical output

| | |
|---|---|
| **RECEPTACLE** | Hardwired |
| **OUTPUT FREQUENCY** | 60 Hz |
| **VOLTAGE** | 120/208V |
| **OUTPUT NOMINAL VOLTAGE** | 110V/220V, 120V/208V, 120V/240V, 127V/220V |
| **NOMINAL OUTPUT VOLTAGE** | 110V<br>120V<br>127V<br>208V<br>220V<br>240V |
| **VA RATING** | 8 kVA |
| **WATTAGE** | 7.2 kW |
| **OUTPUT WAVEFORM** | True sine wave |
| **OUTPUT POWER FACTOR** | 0.9 |
| **TOPOLOGY** | Online/Double-conversion |

## Communications

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|---|---|
| **EXPANSION SLOTS** | • (2) Mini-Slot (MS) expansion ports. The following optional connectivity cards may be ordered separately.<br>• Gigabit Network Card part number: NETWORK-M2<br>• Modbus card part number: INDGW-M2<br>• Relay card part number: RELAY-MS |
| **SOFTWARE COMPATIBILITY** | Intelligent Power Software Suite |

## Environmental

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|---|---|
| **TEMPERATURE RANGE** | 0° to 40°C (32° to 104°F) |
| **RELATIVE HUMIDITY** | 5-95% non-condensing |

## Additional specifications

| | |
|---|---|
| **PACKAGE CONTENTS** | • 9PXM8S8K 9PXM 8000VA 7200W 208/240V Online Double-Conversion UPS<br>• (2) 9PXMSPPM 9PXM split-phase power modules<br>• (4) 9PXMBAT 9PXM internal battery modules<br>• NETWORK-M2 Gigabit network card<br>• Owner's manual |
| **INTERNAL BYPASS** | Yes |
| **AUTO SHUTDOWN FUNCTION** | Yes |
| **COLOR** | Black/silver |
| **HOT SWAP POWER** | Yes |

## Warranty and support

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|---|---|
| **STANDARD FACTORY WARRANTY** | • 2-YEAR FACTORY WARRANTY<br>• - 2 years<br>• Parts, labor, electronics and batteries coverage*<br>• - Startup included<br>• - Parts, electronics and batteries coverage<br>• - Standard ground shipping<br>• - Technical support<br>• *if startup is performed by Eaton, if self-performed startup then just 90 days labor |
| **EXTENDED SERVICE PLANS** | • ADVANCED DEPOT EXCHANGE<br>• - 5-year depot repair: 9SW5Y-11000UC<br>• - Expedited parts coverage for 5 years<br>• - Parts, electronics and UPS batteries coverage<br>• - Next business day shipping<br>• - Technical support<br>•<br>• 5-YEAR ON-SITE PLAN: WFLN75XX-11000UC<br>• - On-site parts and labor coverage for years 5<br>• - Parts, electronics and UPS batteries coverage<br>• - 24x7 on-site labor coverage, next-day response<br>• - Next-day shipping<br>• - Technical support |

## Resources

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|---|---|
| **BROCHURES** | 9PXM UPS brochure |
| **DRAWINGS** | Eaton 9PXM UPS 8-slot 2D drawing<br>Eaton 9PXM UPS CTO guide |
| **MANUALS AND USER GUIDES** | 9PXM user guide |
| **SPECIFICATIONS AND DATASHEETS** | Eaton Specification Sheet - 9PXM8S8K |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

**Eaton Corporation plc** Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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