# Specifications



Photo is representative



## Eaton 9PX2200IRTN-L

Eaton 9PX Lithium UPS Netpack, 2200 VA, 2200 W, Input: C20, Outputs: (8) C13, (2) C19, Rack/tower, 2U, Network card included

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton 9PX UPS |
| **CATALOG NUMBER** | 9PX2200IRTN-L |
| **MODEL CODE** | Eaton 9PX 2200i RT2U Netpack Li-Ion |
| **UPC** | 743172105844 |
| **PRODUCT LENGTH/DEPTH** | 605 mm |
| **PRODUCT HEIGHT** | 86.5 mm |
| **PRODUCT WIDTH** | 440 mm |
| **PRODUCT WEIGHT** | 22.2 kg |
| **COMPLIANCES** | CE Marked |

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## Product specifications

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| **SPECIAL FEATURES** | • Lithium-ion batteries<br>• Double conversion topology<br>• Constantly monitors power conditions and regulates voltage and frequency<br>• First UPS in its class to provide Unity power factor (VA=W)<br>• Energy Star qualified, provides the highest efficiency level to reduce energy and cooling costs<br>• Internal bypass allows service continuity in case of UPS fault<br>• Next-generation graphical LCD display<br>• Network card and rackmounting kit delivered as standard<br>• Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)<br>• Meter energy consumption (down to the managed outlet groups) |

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| **TOPOLOGY** | Online/Double-conversion |
| **RACK SIZE** | 2U |
| **CONSTRUCTION TYPE** | 482.6 mm (19 inch) device |
| **COLOR** | Black/silver |
| **VA RATING** | 2200 VA |
| **WATTAGE** | 2200 W |
| **RACK MOUNTING KIT** | Yes |

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| **PACKAGE CONTENTS** | • UPS<br>• Input cable<br>• (2) IEC-IEC output cables<br>• Network Management Card<br>• USB cable<br>• Serial cable<br>• (2) Supports for tower mounting<br>• (2) brackets for 19’ mounting<br>• (2) Rack-mounting kit<br>• Cable locking system<br>• Safety instructions<br>• Quickstart guide |

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| **INTERNAL BYPASS** | Yes |
| **HOT SWAP POWER** | No |
| **AUTO SHUTDOWN FUNCTION** | Yes |
| **PRIMARY FREQUENCY -** | 70 Hz |

## Resources

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| **BROCHURES** | Eaton UPS and battery services - EN<br><br>Eaton UPS Services Quick Guide - EN |
| **MANUALS AND USER GUIDES** | Eaton 9PX Lithium-Ion Advanced Users Guide<br><br>Eaton 9PX Lithium-Ion UPS Quick Start Guide |
| **TECHNICAL DATA SHEETS** | Eaton 9PX Lithium-ion UPS 1500VA-3000VA - Datasheet |

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| **MAX** | |
| **PRIMARY FREQUENCY - MIN** | 40 Hz |
| **INPUT CONNECTION** | C20 |
| **INPUT CORD LENGTH** | 1.8m |
| **INPUT NOMINAL VOLTAGE** | 230V default (200/208/220/230/240V) |
| **NOMINAL FREQUENCY** | 50/60 Hz |
| **INPUT FREQUENCY RANGE** | 40-70 Hz |
| **INPUT POWER FACTOR** | >.99 |
| **RECEPTACLE** | (8) C13, (2) C19 |
| **NUMBER OF OUTPUT CONNECTIONS FRENCH STANDARD (TYPE E)** | 0 |
| **NUMBER OF OUTPUTS C13** | 8 |
| **NUMBER OF OUTPUTS C19** | 2 |
| **NUMBER OF OUTPUTS HARDWIRED** | 0 |
| **NUM OF OUTPUTS PC (SCHUKO)** | 0 |
| **OUTPUT WAVEFORM** | Sine wave |
| **VOLTAGE** | 230V |
| **OUTPUT NOMINAL VOLTAGE** | 230V default (200/208/220/230/240V) |
| **FEED TYPE** | 1 |
| **VOLTAGE TYPE** | AC |
| **RUNTIME GRAPH** | View runtime graph |
| **BATTERY MANAGEMENT** | • Lithium-ion batteries with battery management system<br>• Automatic recognition of external battery units |
| **BATTERY REPLACEMENT** | Hot-swappable internal batteries and extended battery modules (EBMs) |
| **BATTERY TYPE** | Lithium-ion |
| **EXTENDED BATTERY CAPABILITY** | Yes |
| **RUNTIME AT HALF LOAD** | 22.5 min |
| **COMMUNICATION** | • USB port (HID compliant)<br>• Serial port (RS232)<br>• Mini terminal block for remote On/Off<br>• Mini-terminal block for remote power off<br>• Mini-terminal block for output relay<br>• Dry contacts (3 outputs, 1 input, |

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| | optocoupler, DB9) |
| **EXPANSION SLOTS** | One slot, network card included |
| **ETHERNET INTERFACE** | Yes |
| **INCLUDES NETWORK CARD** | Yes |
| **SOFTWARE COMPATIBILITY** | Eaton Intelligent Power Manager, Eaton Intelligent Power Protector |
| **USER INTERFACE** | Multilingual graphical LCD display |
| **TYPE OF INTERFACE** | Other |
| **POTENTIAL FREE SWITCH CONTACT** | Yes |
| **ALTITUDE** | 3000 m |
| **BTU RATING** | Online: 488 |
| **NOISE LEVEL** | <40 dB at 1 meter |
| **RELATIVE HUMIDITY** | 0-96% non-condensing |
| **TEMPERATURE RANGE** | 0° to 40°C (32° to 104°F) |
| **PROTOCOL** | SNMP |
| **INTEGRATED FUNCTIONALITY** | Network Mangement |
| **INPUT VOLTAGE - MAX** | 276 V |
| **INPUT VOLTAGE - MIN** | 100 V |
| **OUTPUT VOLTAGE - MAX** | 240 V |
| **OUTPUT VOLTAGE - MIN** | 200 V |
| **SECONDARY FREQUENCY - MAX** | 60 Hz |
| **SECONDARY FREQUENCY - MIN** | 50 Hz |
| **EFFICIENCY** | 93.5 |
| **EFFICIENCY (ECO-MODE)** | 98 |
| **INPUT VOLTAGE RANGE** | 176-276 V (100-276 V with derating) |
| **MAX NUMBER OF BATTERY PACKS** | 4 |
| **OUTPUT FREQUENCY** | 50/60 Hz |
| **OUTPUT POWER FACTOR** | 1 |
| **OUTPUT VOLTAGE RANGE** | 200/208/220/230/240 V +/- 1% |
| **PHASE (INPUT)** | 1 |
| **PHASE (OUTPUT)** | 1 |
| **RUNTIME AT FULL LOAD** | 11 min |
| **VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX** | 3 |
| **POWER CONSUMPTION** | 143 W |

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

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