



## Eaton 9PX1500IRT2U-L

Eaton 9PX UPS, Lithium, 1500 VA, 1500 W,  
Input: C14, Outputs: (8) C13, Rack/tower, 2U

### Specifications

|                             |                |
|-----------------------------|----------------|
| <b>PRODUCT NAME</b>         | Eaton 9PX UPS  |
| <b>CATALOG NUMBER</b>       | 9PX1500IRT2U-L |
| <b>UPC</b>                  | 743172105479   |
| <b>PRODUCT LENGTH/DEPTH</b> | 450 mm         |
| <b>PRODUCT HEIGHT</b>       | 86.5 mm        |
| <b>PRODUCT WIDTH</b>        | 440 mm         |
| <b>PRODUCT WEIGHT</b>       | 15.8 kg        |
| <b>COMPLIANCES</b>          | CE Marked      |

**SPECIAL FEATURES**

- Lithium-ion batteries
- Double conversion topology
- Constantly monitors power conditions and regulates voltage and frequency
- First UPS in its class to provide Unity power factor (VA=W)
- Energy Star qualified, provides the highest efficiency level to reduce energy and cooling costs
- Internal bypass allows service continuity in case of UPS fault
- Next-generation graphical LCD display
- Compatible with Virtual environments (VMware, Hyper-V, Citrix Xen, Redhat)
- Meter energy consumption (down to the managed outlet groups)
- Long backup time with up to 4 optional EBM

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|--------------------------|---------------------------|
| <b>TOPOLOGY</b>          | Online/Double-conversion  |
| <b>RACK SIZE</b>         | 2U                        |
| <b>CONSTRUCTION TYPE</b> | 482.6 mm (19 inch) device |
| <b>COLOR</b>             | Black/silver              |
| <b>VA RATING</b>         | 1500 VA                   |
| <b>WATTAGE</b>           | 1500 W                    |
| <b>RACK MOUNTING KIT</b> | Yes                       |

**PACKAGE CONTENTS**

- UPS
- (2) IEC-IEC output cables
- USB cable
- Serial cable
- (2) brackets for 19'

- mounting
- (2) Rack-mounting kit
- (2) Supports for tower mounting
- Cable locking system
- Safety instructions
- Quickstart guide

|                                                              |                                                                                                   |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>INTERNAL BYPASS</b>                                       | Yes                                                                                               |
| <b>HOT SWAP POWER</b>                                        | No                                                                                                |
| <b>AUTO SHUTDOWN FUNCTION</b>                                | Yes                                                                                               |
| <b>PRIMARY FREQUENCY - MAX</b>                               | 70 Hz                                                                                             |
| <b>PRIMARY FREQUENCY - MIN</b>                               | 40 Hz                                                                                             |
| <b>INPUT CONNECTION</b>                                      | C14                                                                                               |
| <b>INPUT NOMINAL VOLTAGE</b>                                 | 230V default<br>(200/208/220/230/240V)                                                            |
| <b>NOMINAL FREQUENCY</b>                                     | 50/60 Hz                                                                                          |
| <b>INPUT FREQUENCY RANGE</b>                                 | 40-70 Hz                                                                                          |
| <b>INPUT POWER FACTOR</b>                                    | >.99                                                                                              |
| <b>RECEPTACLE</b>                                            | (8) C13                                                                                           |
| <b>NUMBER OF OUTPUT CONNECTIONS FRENCH STANDARD (TYPE E)</b> | 0                                                                                                 |
| <b>NUMBER OF OUTPUTS C13</b>                                 | 8                                                                                                 |
| <b>NUMBER OF OUTPUTS C19</b>                                 | 0                                                                                                 |
| <b>NUMBER OF OUTPUTS HARDWIRED</b>                           | 0                                                                                                 |
| <b>NUM OF OUTPUTS PC (SCHUKO)</b>                            | 0                                                                                                 |
| <b>OUTPUT WAVEFORM</b>                                       | Sine wave                                                                                         |
| <b>VOLTAGE</b>                                               | 230V                                                                                              |
| <b>OUTPUT NOMINAL VOLTAGE</b>                                | 230V default<br>(200/208/220/230/240V)                                                            |
| <b>FEED TYPE</b>                                             | 1                                                                                                 |
| <b>VOLTAGE TYPE</b>                                          | AC                                                                                                |
| <b>RUNTIME GRAPH</b>                                         | \$row.attributeValue.cdata                                                                        |
| <b>BATTERY MANAGEMENT</b>                                    | <ul style="list-style-type: none"> <li>• Lithium-ion batteries with battery management</li> </ul> |

|                                      |                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      | <ul style="list-style-type: none"> <li>system</li> <li>Automatic recognition of external battery units</li> </ul>                                                                                                                                                                                                   |
| <b>BATTERY REPLACEMENT</b>           | Hot-swappable internal batteries and extended battery modules (EBMs)                                                                                                                                                                                                                                                |
| <b>BATTERY TYPE</b>                  | Lithium-ion                                                                                                                                                                                                                                                                                                         |
| <b>EXTENDED BATTERY CAPABILITY</b>   | Yes                                                                                                                                                                                                                                                                                                                 |
| <b>RUNTIME AT HALF LOAD</b>          | 21.5 min                                                                                                                                                                                                                                                                                                            |
| <b>COMMUNICATION</b>                 | <ul style="list-style-type: none"> <li>USB port (HID compliant)</li> <li>Serial port (RS232)</li> <li>Mini terminal block for remote On/Off</li> <li>Mini-terminal block for remote power off</li> <li>Mini-terminal block for output relay</li> <li>Dry contacts (3 outputs, 1 input, optocoupler, DB9)</li> </ul> |
| <b>EXPANSION SLOTS</b>               | One slot for optional communication card                                                                                                                                                                                                                                                                            |
| <b>ETHERNET INTERFACE</b>            | No                                                                                                                                                                                                                                                                                                                  |
| <b>INCLUDES NETWORK CARD</b>         | No                                                                                                                                                                                                                                                                                                                  |
| <b>SOFTWARE COMPATIBILITY</b>        | Eaton Intelligent Power Manager, Eaton Intelligent Power Protector                                                                                                                                                                                                                                                  |
| <b>USER INTERFACE</b>                | Multilingual graphical LCD display                                                                                                                                                                                                                                                                                  |
| <b>TYPE OF INTERFACE</b>             | Other                                                                                                                                                                                                                                                                                                               |
| <b>POTENTIAL FREE SWITCH CONTACT</b> | Yes                                                                                                                                                                                                                                                                                                                 |
| <b>ALTITUDE</b>                      | 3000 m                                                                                                                                                                                                                                                                                                              |
| <b>BTU RATING</b>                    | Online: 386                                                                                                                                                                                                                                                                                                         |
| <b>NOISE LEVEL</b>                   | <35 dB at 1 meter                                                                                                                                                                                                                                                                                                   |
| <b>RELATIVE HUMIDITY</b>             | 0-96% non-condensing                                                                                                                                                                                                                                                                                                |
| <b>TEMPERATURE RANGE</b>             | 0° to 40°C (32° to 104°F)                                                                                                                                                                                                                                                                                           |
| <b>INPUT VOLTAGE - MAX</b>           | 276 V                                                                                                                                                                                                                                                                                                               |
| <b>INPUT VOLTAGE - MIN</b>           | 100 V                                                                                                                                                                                                                                                                                                               |
| <b>OUTPUT VOLTAGE - MAX</b>          | 240 V                                                                                                                                                                                                                                                                                                               |
| <b>OUTPUT VOLTAGE - MIN</b>          | 200 V                                                                                                                                                                                                                                                                                                               |
| <b>SECONDARY FREQUENCY</b>           | 60 Hz                                                                                                                                                                                                                                                                                                               |

|                                                     |                                        |
|-----------------------------------------------------|----------------------------------------|
| - MAX                                               |                                        |
| SECONDARY FREQUENCY<br>- MIN                        | 50 Hz                                  |
| EFFICIENCY AT MAX.<br>LOAD                          | 92.5                                   |
| EFFICIENCY (ECO-MODE)                               | 97.5                                   |
| INPUT VOLTAGE RANGE                                 | 176-276 V (100-276 V with<br>derating) |
| MAX NUMBER OF<br>BATTERY PACKS                      | 4                                      |
| OUTPUT FREQUENCY                                    | 50/60 Hz                               |
| OUTPUT POWER FACTOR                                 | 1                                      |
| OUTPUT VOLTAGE<br>RANGE                             | 200/208/220/230/240 V +/-<br>1%        |
| PHASE (INPUT)                                       | 1                                      |
| PHASE (OUTPUT)                                      | 1                                      |
| RUNTIME AT FULL LOAD                                | 10 min                                 |
| VOLTAGE DISTORTION<br>OUTPUT (LINEAR LOAD) -<br>MAX | 3                                      |
| POWER CONSUMPTION                                   | 113 W                                  |

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