Eaton 9E UPS
1kVA/2kVA/3kVA/6kVA/10kVA/15kVA/20kVA

Essential Online UPS

Reliability and performance

• The Eaton 9E constantly monitors power conditions and regulates voltage and frequency due to the online double conversion topology.
• Power more servers than most similar UPSs due to a 0.8 power factor.
• Trust a leading manufacturer with decades of experience and high quality standards: CE compliance certified by external agency (CB report from the TUV).

Manageability

• Get clear information on the UPS’ status and measurements (load level, battery level, input/output voltage and frequency) on a single screen with the new LCD interface.
• Easily communicate with the UPS through USB, RS232 serial or over the network with the optional network card (Network-M2). Relay cards or ModBus cards are also available.
• Eaton 9E is compatible with Eaton IPM Editions Software which permits to integrate all major operating systems, leading virtualisation environments and cloud orchestrations tools.

Flexibility

• The internal bypass allows service continuity in case of an internal fault. A maintenance bypass is also available as standard for easy maintenance of the UPS without powering down critical systems.
• Make your installation more flexible with a combo input (3:1 and 1:1) on the 10kVA, 15kVA, and 20kVA.
• Extend runtime as you like by adding up to 4 external battery modules (EBM). For extra-long runtime, XL models with internal supercharger are also available at 3kVA, 10kVA and 20kVA.

Advanced protection for:

• Infrastructure
• Industrial and Medical IT
• Networking
• Storage
• Telecom

Eaton 9E range

LCD display for clear information on the UPS’ status and measurements

Powering Business Worldwide
### Eaton 9E UPS

1. LCD Interface:
   - Clear information on UPS status and measurements
2. 1 USB port + 1 serial port
3. Slot for management card
4. Input/Output connections
5. External battery module (EBM) connection
6. Casters

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#### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>UPS Rating</th>
<th>1KVA/0.8kW</th>
<th>2KVA/1.6kW</th>
<th>3KVA/2.4kW</th>
<th>6KVA/4.8kW</th>
<th>10KVA 1:1 and 3:1</th>
<th>15KVA 1:1 and 3:1</th>
<th>20KVA 1:1 and 3:1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>10% derating @ 208V.</strong></td>
<td>208/220/230V</td>
<td>220/230/240V</td>
<td>176-300V without derating (up to 100-300V with derating)</td>
<td>220/230V/240V ±2 %, THDU&lt;3%</td>
<td>49h-68h, 50/60Hz autoselection</td>
<td>105%-110% : 5min, 110%-130% : 1min, 130%-150% : 30sec, &gt;150% : 100ms</td>
<td>105%-110% : 5min, 110%-130% : 1min, 130%-150% : 30sec, &gt;150% : 100ms</td>
</tr>
</tbody>
</table>

#### Electrical Characteristics

- **Technology**: Online double conversion
- **Input voltage**: 208/220/230/240V
- **Input voltage range without using batteries**: 176-300V without derating (up to 100-300V with derating)
- **Output voltage/THDU**: 208V*/220V/230V/240V ±1%, THDU<2%
- **Output Frequency range**: 40Hz-70Hz, 50/60 Hz autoselection
- **Efficiency**: Up to 91% in Online mode
- **Overload capacity**: 105%-130% : 60s, 130%-150% : 10s, >150% : ≥ 300ms

#### Connections

- **Input**: IEC C14
- **Outputs**: 4 x IEC C13

#### Typical backup times at 50% and 75% load**

<table>
<thead>
<tr>
<th>Configuration</th>
<th>9E</th>
<th>9E + 1 EBM</th>
<th>9E + 4 EBM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9E</strong></td>
<td>12/5 min</td>
<td>16/10 min</td>
<td>26/12 min</td>
</tr>
<tr>
<td><strong>9E + 1 EBM</strong></td>
<td>79/48 min</td>
<td>93/32 min</td>
<td>75/47 min</td>
</tr>
<tr>
<td><strong>9E + 4 EBM</strong></td>
<td>243/173 min</td>
<td>273/110 min</td>
<td>222/140 min</td>
</tr>
</tbody>
</table>

#### Communication

- **Communication ports**: 1 USB port + 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously)
- **Communication slot**: 1 slot for Network M2, ModBus-MS or Relay-MS cards

#### Software

- Eaton IPM Editions Software

#### Operating conditions, Standards and Approvals

- **Operating temperature**: 0 to 40°C
- **Noise level**: <37 dB @ typical load
- **Safety**: IEC/EN 62040-1
- **EMC, Performance**: IEC/EN 62040-2
- **Approvals**: CE, CB report (TUV) / EAC

#### Dimensions D x H x W / Weight

<table>
<thead>
<tr>
<th>UPS Dimensions (mm)</th>
<th>356 x 228 x 144</th>
<th>399 x 330 x 190</th>
<th>399 x 330 x 190</th>
<th>619 x 708.5 x 262.4</th>
<th>619 x 708.5 x 262.4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UPS Weight (kg)</strong></td>
<td>9.5</td>
<td>22.4</td>
<td>24.2</td>
<td>68</td>
<td>85.4</td>
</tr>
<tr>
<td><strong>EBM dimensions (mm)</strong></td>
<td>-</td>
<td>399 x 330 x 190</td>
<td>399 x 330 x 190</td>
<td>579.4 x 708.5 x 262.4</td>
<td>579.4 x 708.5 x 262.4</td>
</tr>
<tr>
<td><strong>EBM weight (kg)</strong></td>
<td>-</td>
<td>35.8</td>
<td>35.8</td>
<td>105.5</td>
<td>132</td>
</tr>
<tr>
<td><strong>UPS with supercharger (and no batteries) dimensions (mm)</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>UPS with supercharger (and no batteries) weight (kg)</strong></td>
<td>-</td>
<td>7.9</td>
<td>-</td>
<td>28.9</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Customer Service & Support

- **Warranty**: 2 years

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### PART NUMBERS

<table>
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<th>15KVA 1:1 and 3:1</th>
<th>20KVA 1:1 and 3:1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UPS</strong></td>
<td>9E1000I</td>
<td>9E2000I</td>
<td>9E3000I</td>
<td>9E6Ki</td>
<td>9E10Ki</td>
<td>9E15Ki</td>
<td>9E20Ki</td>
</tr>
<tr>
<td><strong>EBM</strong></td>
<td>-</td>
<td>9E8BM72</td>
<td>9E8BM72</td>
<td>9E8BM180</td>
<td>9E8BM180</td>
<td>9E8BM180</td>
<td>9E8BM180</td>
</tr>
<tr>
<td><strong>UPS with supercharger and no batteries</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Options

- Network-M2, ModBus-MS or Relay-MS cards

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*In the interests of continuous product improvement, all specifications are subject to change without notice.*

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