Superior manageability and energy metering capabilities for better IT decision-making

Manageability
- The graphical LCD display provides clear information on the UPS’s status and measurements on a single screen (in seven languages). Enhanced configuration capabilities are also available with easy-to-use navigation keys.
- **Meters energy consumption** and provides kWh values through the LCD and Intelligent Power® Software.
- Load segment control enables prioritised shutdowns of nonessential equipment to maximise battery runtime for critical devices. Load segment control can also be used to remotely reboot locked-up network equipment or to manage scheduled shutdowns and sequential start-ups.
- The 5P offers Serial and USB connectivity, plus an extra slot for an optional communication card (including SNMP/Web card or relay contact card). Eaton’s Intelligent Power® Software Suite compatible with all major OS including virtualization software such as VMware and Hyper-V is included with each UPS.

Performance and Efficiency
- With an optimised electrical design, the 5P can provide up to 98% efficiency, contributing to lower cooling and utility costs.

Pure sinewave output
- When operating in battery mode the 5P provides a high quality output signal for any sensitive equipment connected, such as active PFC (power factor corrected) servers.

Availability and Flexibility
- The 5P is available as a tower or rack form factor to cater for varied deployment applications.
- Stronger, longer battery life: Eaton ABM® battery management technology uses an innovative three-stage charging technique that only recharges the battery when necessary, so the battery experiences less corrosion and service life is prolonged by up to 50%.
- Batteries can be hot-swapped without ever having to shut down connected equipment. With an optional, hot-swap maintenance bypass module, you can even replace the entire UPS.

Ideal for protecting:
- Servers
- Switches
- Routers
- Storage devices
**Eaton 5P 1550 tower and rack**

1. Communications card set
2. Remotely switchable outlet groups
3. Remote On/Off, Remote Power Off terminal
4. USB Port
5. Serial Port
6. Primary outlet group

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**Technical Specifications**

<table>
<thead>
<tr>
<th></th>
<th>650</th>
<th>850</th>
<th>1150</th>
<th>1550</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rating (VA/W)</strong></td>
<td>650VA/420W</td>
<td>850VA/600W</td>
<td>1150VA/770W</td>
<td>1550VA/1100W</td>
</tr>
<tr>
<td><strong>Format</strong></td>
<td>Tower or 1RU Rack</td>
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<td>Tower or 1RU Rack</td>
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</tbody>
</table>

**Electrical characteristics**

- **Technology**: Line-Interactive High Frequency (Pure Sinewave, Booster = Faster)
- **Input voltage and frequency range**: 180V-264V (adjustable to 170-264V) +4% to -25%, 47 to 63 Hz (50 Hz system), 50.6 to 70 Hz (60 Hz system), 40 Hz in low-sensitivity mode
- **Output voltage and frequency**: 230 V (+/- 10%) (adjustable to 200V / 230V / 220V / 240V / 50Hz / 60Hz ±0.1 % (autotunning)

**Connections**

- **Input**
  - Tower: Fixed line cord 10A AU 1.6mtr
  - Rack: IEC C14 (10A) socket
- **Output**
  - Tower: Fixed line cord 10A AU 1.6mtr
  - Rack: IEC C14 (10A) socket
- **Remotely controlled sockets**
  - Tower: 2 x 10A AU individually switched
  - Rack: 3 x IEC C13 (10A) individually switched
  - Tower: 2 x 10A AU individually switched
  - Rack: 3 x IEC C13 (10A) individually switched

**Batteries**

- **Typical backup times for 50 and 70% heat**
  - 95.5 mins
  - 127.5 mins
  - 127.5 mins
  - 127.5 mins

**Battery management**

- **4P**: ARM® & Temperature compensated charging method (user selectable), Automatic battery test, deep discharge protection, to automatic recognition of external battery units.

**Interfaces**

- **Communication ports**
  - 1 USB port + 1 RS322 serial port and relay contacts (USB and RS322 ports cannot be used simultaneously)

**Communications card slots**

- 1 slot for NETWORK-MS, MODBUS-MS or RELAY-MS cards

**Operating conditions, standards and approvals**

- **Operating temperature**: Min 0°C, Max 40°C
- **Noise Level**: < 40dB
- **Performance - Safety - EMC**: IEC/EN 62040-1 (Safety), IEC/EN 62040-2 (EMC), IEC/EN 62040-3 (Performance), C-Tick

**Approval**

- CE, CB report, TUV

**Dimensions W x D x H / Weight**

- **UPS Dimensions (mm) & weight (kg)**:
  - Tower: 150 x 345 x 230mm / 7.4kg
  - Rack: 436 x 864 x 432mm (1RU) / 16.8kg
- **UPS Dimensions (mm) & weight (kg) - Rack**:
  - Tower: 150 x 345 x 230mm / 10.4kg
  - Rack: 436 x 509 x 422mm (1RU) / 19.2kg

**Customer Service & Support**

- **Warranty**: 3 years on electronics, 2 years on batteries

**Part Numbers**

- **SP Tower**: SP650AU
- **SP Rack**: SP6500R
- **SP 1150AU**: SP1150AU
- **SP 1550AU**: SP1550AU
- **SP 1550R**: SP1550R

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* All times are shown at 0.7 power factor. Backup times are approximate and may vary with equipment configuration, battery age, temperature, etc.