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 99% 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

- 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

#### Technical Specifications

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

#### Electrical characteristics

**Technology**
- Line-Interactive High Frequency [Pure Sinewave, Booster + Fader]

**Input voltage and frequency ranges without using batteries**
- 160V-234V (adjustable to 150V-240V) 47 to 70 Hz (50 Hz system),
- 56.5 to 70 Hz (60 Hz system), 40 Hz in low-sensitivity mode

**Output voltage and frequency**
- 230 V (±4%) (Adjustable to 200V / 208V / 220V / 230V / 240V), 50/60 Hz +/-0.1 % (autosensing)

#### Connections

**Input**
- Tower: Fixed line cord 10A AU 1.8m
- Rack: C14 (10A) socket

**Outputs**
- Tower: Fixed line cord 10A AU 1.8m
- Rack: C14 (10A) socket

**Remotely controlled sockets**
- Tower: 2 x 10A AU individually switched
- Rack: 2 x C13 (10A) individually switched

**Batteries** Typical backup times for 50 and 70% load*
- 5P: 8.5 / 5 mins
- 1150: 12 / 3 mins
- 1550: 12 / 3 mins

#### Interfaces

**Communication ports**
- 1 USB port + 1 RS232 serial port and relay contacts (USB and RS232 ports cannot be used simultaneously)
- 1 min terminal block for remote ON/OFF or Remote Power Off

**Communications card slots**
- 1 slot for NETWORK-M5, MODBUS-M5 or RELAY-M5 cards

#### Operating conditions, standards and approvals

**Operating temperature**
- Models 650, 850 & 1550 = "0-35°C", Model 1550 = "0-40°C"

**Compliance**
- CE, CB report, TÜV

**Approvals**
- IEC/EN 62040-1-1 (Safety), IEC/EN 62040-2 (EMC), IEC/EN 62040-3 (Performance), C-Tick

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

<table>
<thead>
<tr>
<th>UPS Dimensions (mm) &amp; weight (kg) - Tower</th>
<th>150 x 345 x 220mm / 7.8kg</th>
<th>150 x 345 x 230mm / 10.4kg</th>
<th>150 x 345 x 230mm / 11.1kg</th>
<th>150 x 445 x 230mm / 15.6kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPS Dimensions (mm) &amp; weight (kg) - Rack</td>
<td>438 x 364 x 43.2mm (1U) / 16.6kg</td>
<td>438 x 509 x 43.2mm (1U) / 13.1kg</td>
<td>438 x 509 x 43.2mm (1U) / 14.6kg</td>
<td>438 x 554 x 43.2mm (1U) / 19.4kg</td>
</tr>
</tbody>
</table>

**Warranty**
- 3 years

**Part Numbers**
- 5P Tower: SP650AU
- 5P Rack: SP850IR
- 1150: SP1150AU
- 1550: SP1550AU
- 850: SP850AU
- 1RU rack: SP850IR

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

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