The Powerware 5110 UPS provides a layer of defence between your equipment and raw utility power. This line-interactive UPS constantly safeguards your systems from power outages, surges, sags, undervoltage and overvoltage conditions - and provides varying degrees of protection from other power problems as well. If utility power is interrupted, even briefly, the Powerware 5110 UPS transfers to battery power.

AVR enables you to work through even the most frequent brownouts and power sags. Unlike typical line-interactive systems, the Powerware 5110 UPS does not switch back and forth to battery power to accomplish this voltage regulation - which would shorten battery life and increase battery replacement costs. As a result, battery power is conserved for when you really need it.

The Powerware 5110 UPS uses Automatic Voltage Regulation (AVR) to smooth out wide fluctuations in input voltage. If input voltage varies as much as 25% over or 23% under nominal voltage - which can easily happen when running on generator power or in severe environments - the Powerware 5110 UPS accepts this inconsistent voltage and delivers clean, consistent output for protected equipment.

Features

- Protect the integrity of your data and applications by shielding electronic equipment from power outages, surges, sags, undervoltage and overvoltage conditions.
- Save space with a compact design that can be deployed as a tower, under a computer monitor or in a rack.
- Protects loads on six outlets - three with surge suppression and battery backup, three with surge suppression only.
- Deliver consistent, clean output with automatic voltage regulation (AVR) that doesn’t drain battery power.
- Extend UPS service life with user-replaceable batteries
- Phone line transient protector guards phone equipment from "back door" power surges.
- Stay informed of power problems and low battery conditions with audible alarms and remote alarm notification via e-mail, pager, the Web or SNMP.
- Deliver short-term mobile power with start-on-battery capability.
- USB port and cable are standard.
- Rest easy with a two-year full warranty, plus three year pro-rated warranty and $50,000 load protection guarantee (Australia and New Zealand). Optional Fastfix Service Plan is available to provide repair and replacement coverage that goes beyond the provision of the warranty.
## Technical Specifications

### POWERWARE 5110

<table>
<thead>
<tr>
<th>Model Number</th>
<th>51100350A</th>
<th>51100500A</th>
<th>51100700A</th>
<th>51101000A</th>
<th>51101500A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>350VA/210W</td>
<td>500VA/300W</td>
<td>700VA/420W</td>
<td>1000VA/600W</td>
<td>1500VA/900W</td>
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<tr>
<td>Dimensions (mm) HxWxD</td>
<td>270x87x260</td>
<td>270x87x260</td>
<td>270x87x260</td>
<td>270x87x384</td>
<td>270x87x384</td>
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<tr>
<td>Unit Weight (kg)</td>
<td>5</td>
<td>6</td>
<td>8</td>
<td>12</td>
<td>12.5</td>
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<tr>
<td>Input Connection</td>
<td>1.8 metre line cord IEC to Australian 10Amp Plug</td>
<td></td>
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<tr>
<td>Output Connection</td>
<td>6 Australian 10Amp Outlets (3 Battery Backup &amp; Surge Protection, 3 Surge Protection only)</td>
<td></td>
<td></td>
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</tbody>
</table>

### Operation

- **Input Voltage Range (on-line operation)**: 186 to 280 VAC
- **Output Voltage Regulation on-line**: 216 to 260 VAC
- **On Battery Output Voltage**: Nominal -10% to +10%
- **Frequency**: 50 Hz
- **Lightning/Surge Protection**: 476 joules
- **Safety**: AS/NZS62040.1.1, AS/NZS60950, A-Tick
- **EMI**: AS/NZS62040.2, AS/NZS CISPR22, C-Tick
- **Transfer Time to Battery/AC**: 2-6 msec. typical
- **Battery Type**: Sealed, maintenance free lead-acid battery
- **Typical Backup Time**: 3 minutes at full rated load

### Environmental

- **Operation Temperature**: 0°C - 40°C
- **Operation Relative Humidity**: 0 to 95% non condensing
- **Storage Temperature**: -15°C - 50°C
- **Software**: Powerware LanSafe Software is included free of charge

### Service Plans

- Optional Extended Warranty and On Site Changeover service plans available

### Battery Run Times (in minutes)

<table>
<thead>
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<th>Load (VA)</th>
<th>80</th>
<th>170</th>
<th>250</th>
<th>330</th>
<th>420</th>
<th>550</th>
<th>650</th>
<th>850</th>
<th>1000</th>
<th>1200</th>
<th>1350</th>
<th>1500</th>
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<td>7</td>
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<td>51100500A</td>
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<td>30</td>
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<td>64</td>
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<tr>
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<td>14</td>
<td>10</td>
<td>7</td>
<td>6</td>
<td>5</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

This guide provides typical application information. Battery run times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

In the interests of continual product improvement all specifications are subject to change without notice.

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