12W to 15W UK Power Supplies

**Features:**
- Universal / Full range AC input
- Fixed UK pins
- Fully enclosed attractive plastic case
- Small & Compact design
- Cost effective and high reliability
- Protections: Short circuit & Over Current
- Safety approved & Energy Efficient
- Level VI CoC Tier 1 (updating to CoC Tier 2)
- MTBF >50,000 hours
- Also available as Euro, USA and Australian versions

**Safety & Emissions:**
- CB, CE, LPS
- EMI Conduction & Radiation: Compliance to EN55022 Class B
- Harmonic current: Compliance to EN61000-3-2, 3
- EMS Immunity: Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11
- Topology: Switching Flyback
- Efficiency: Level VI CoC Tier 1

**Input current** 0.4A max
**Load Regulation** +/-5% Typical
**Case Size** 85.5 x 43.8 x 31.7mm
**DC Cord** 1.8 Metres
**DC Plug** 2.1 x 5.5 x 12mm
**Polarity** +ve centre
**Rated Input Voltage** 100-240Vac (90-264vac max)
**Weight** 130g
**Hi-Pot Spec** 3000Vac 10mA 1 min. (I.P. to O.P.)
**No load power consumption** 0.3W max
**Operating Temperature** 0 to 40 degrees C
**Storage Temperature** -20 to 80 degrees C
**Operating Humidity** 10% to 90%
**Rated Frequency** 50-60Hz (47/63Hz max)
**Efficiency** Level VI CoC Tier 2 (updating to CoC Tier 2)

Parts shown in Red in the table below are supplied in a different case style and size. Dimensions are 72 x 38 x 28.5mm for these units.

<table>
<thead>
<tr>
<th>Part number</th>
<th>Output</th>
<th>Power</th>
<th>Input connector</th>
<th>Output connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW4010G</td>
<td>12vdc 1 Amp</td>
<td>12 Watts</td>
<td>UK Fixed</td>
<td>2.1 x 5.5 x 12mm straight Polarity +ve centre</td>
</tr>
<tr>
<td>SW4382-C</td>
<td>12vdc 1 Amp</td>
<td>12 Watts</td>
<td>UK Fixed</td>
<td>2.5 x 5.5 x 12mm straight Polarity +ve centre</td>
</tr>
<tr>
<td>SW3088-VI</td>
<td>5vdc 2.5 Amp</td>
<td>12.5 Watts</td>
<td>UK Fixed</td>
<td>2.1 x 5.5 x 12mm straight Polarity +ve centre</td>
</tr>
<tr>
<td>SW3089-VI</td>
<td>9vdc 1.6 Amp</td>
<td>14.4 Watts</td>
<td>UK Fixed</td>
<td>2.1 x 5.5 x 12mm straight Polarity +ve centre</td>
</tr>
<tr>
<td>SW3090-VI</td>
<td>12vdc 1.25 Amp</td>
<td>15 Watts</td>
<td>UK Fixed</td>
<td>2.1 x 5.5 x 12mm straight Polarity +ve centre</td>
</tr>
<tr>
<td>SW3091-VI</td>
<td>15vdc 1 Amp</td>
<td>15 Watts</td>
<td>UK Fixed</td>
<td>2.1 x 5.5 x 12mm straight Polarity +ve centre</td>
</tr>
<tr>
<td>SW3092-VI</td>
<td>24vdc 0.65 Amp</td>
<td>15.6 Watts</td>
<td>UK Fixed</td>
<td>2.1 x 5.5 x 12mm straight Polarity +ve centre</td>
</tr>
</tbody>
</table>

Other DC output connectors and negative centre polarity can be provided on request.

Full specification documents on each part included in this data sheet are available on request from PowerPax UK Ltd. PowerPax accepts no responsibility for typographical errors in the production of this datasheet. Product specifications are subject to change without notice. The product image shown is representative of entire range.