24 Watt – Wall Plug Adapter
PSA C24A-120L6 Adapter Meets Level VI Requirements

Features
- Class B EMI
- Short-Circuit Protection
- Class II Double Insulated
- Over-Voltage, Over-Current Protection

Applications
- Portable Equipment
- Peripherals
- Access Devices

Safety Approvals
- cUL/UL 60950-1

Mechanical Characteristics
- Length: 83.5mm (3.29in)
- Width: 35.0mm (1.38in)
- Height: 53.5mm (2.89in)
- Weight: 165g (5.82oz)

Output Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>DC Output Voltage</th>
<th>Load Min.</th>
<th>Load Max.</th>
<th>Ripple(1) P-P (max.)</th>
<th>Regulation Line &amp; Load</th>
<th>Efficiency Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSA C24A-120L6</td>
<td>12V</td>
<td>0A</td>
<td>2.0A</td>
<td>240mV</td>
<td>±5%</td>
<td>VI</td>
</tr>
</tbody>
</table>

(1) Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20MHz.

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**PSAC24A Characteristics**

**Input:**
- **AC Input Voltage Rating**
  100 to 240V AC
- **AC Input Voltage Range**
  90 to 264V AC
- **AC Input Frequency**
  50 to 60Hz
- **Input Current**
  0.6A (RMS) maximum at 100V AC
- **Leakage Current**
  0.25mA max at 100Vac/60Hz & 240Vac/50Hz
- **Inrush Current**
  40A max at 115VAC/60Hz
  80A max at 230VAC/50Hz
  (Cold start at ambient 25°C)

**Output:**
- **Efficiency**
  DOE Level VI
- **Hold-up Time**
  ≥10ms min at 115Vac/60Hz &230Vac/50Hz, max load

**Over-Voltage Protection**
≤20.4V max at 90Vac~264Vac, max load

**Over-Current Protection**
≤4A max at 90Vac~264Vac, max load

**Short-Circuit Protection**
Units shall be protected against a continuous short circuit and over current condition over the operating range. A continuous short circuit shall not produce excessive heat and no smoke or fire

**Environmental:**
- **Temperature**
  Operation 0 to +40°C
  Non-operation -20 to +70°C
  Humidity 90%RH max

**Emissions**
- **FCC PART 15**
  Class B
- **IEC/EN 55022 & CISPR 22**
  Class B

**Immunity**
- **EN 61000-3-2**
- **EN 61000-4-2**
- **EN 61000-4-3**
- **EN 61000-4-3**
- **EN 61000-4-4**
- **EN 61000-4-5**
- **EN 61000-4-6**
- **EN 61000-4-8**
- **EN 61000-4-11**

**Dielectric Withstand (Hi-pot) Test**
≥3KVac/10mA @1minute

**DC Output Connector**
2.1 x 5.5mm Center Positive Barrel
Dimension Diagram Unit: mm (inch)