FEATURES
- Certified IEC 62368-1 & CB 60950-1
- Meet USA EISA 2007
- Meet Energy Efficiency DOE Level VI
- Meet Code of Conduct Version 5 Tier 2
- High Reliability
- Low Profile
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection
- With PFC Circuit

INPUT SPECIFICATIONS
- Power factor: 115Vac, 230Vac / full load ≥ 0.9
- Provisions for adding harmonic reduction per EN 61000-3-2 must be present.
- Efficiency: See rating chart
- Power turn-on time: At 100Vac / full load, output voltage shall remain
- Hold-up time: regulation ≤ 3Sec
- Inrush current: At 100Vac or 240Vac / full load, output voltage shall remain
- regenation ≥ 10ms
- 100Vac, 240Vac / full load, Shall be less than the rating of adapter critical component (including rectifiers, fuse
- Operating altitude: ≤5000 meters above sea level
- Withstand voltage: Between AC input and secondary applied DC 4242V test
- time 1 minute, cut off current shall be less than 10mA
- 100Vac, 240Vac / full load, 300,000 hours at 25°C, standard SR332
- EMC Performance:
  - EN55032: Class B conducted, class B radiated
  - FCC: Class B conducted, class B radiated
  - VCCI: Class B conducted, class B radiated
  - EN61000-3-2: Meet class D
  - EN61000-3-3: Meet regulation
  - EN61000-4-2: Air discharge: ±15 KV, contact discharge: ±8KV, meet criterion A
  - EN61000-4-3: 80 ~ 1000 MHz,3V/m,80% AM (1kHz), meet criterion A
  - EN61000-4-4: Impulse: ±1kV applied to LN, meet criterion A
  - EN61000-4-5: ±1kV applied differential mode, ±2kV applied common
    mode, meet criterion A
  - EN61000-4-6: 0.15 ~ 80 MHz, 3Vrms,80% AM (1kHz), meet criterion A
  - EN61000-4-11: 50 Hz or 60Hz, 1A/m, meet criterion A

  Voltage Dips:
  - >95% reduction for 0.5 period, meet criterion B
  - 30% reduction for 25 period, meet criterion C

  Power de-rating:
  - Voltage Interruptions :
    - >95% reduction for 250 period, meet criterion C
    - 100Vac or 240Vac, 0°C to 40°C, 100% load, 50°C, 85% load, 60°C, 70% load, 70°C, 55% load (Shall be less than
    - the rating of adapter critical component, follow FSP specification (adapter))

SAFETY STANDARD APPROVAL

DESCRIPTION
This product is an 40 watts AC to DC adapter intended for use in IPC systems, Printer, and POS systems application, that have such wattage demands. This adapter operates at 90 to 264 VAC input voltage. The unit meets CISPR32 EN55032 CLASS B, EN55024 and FCC PART 15B Class B emission limits, and is designed for ITE application.
**OUTPUT VOLTAGE/CURRENT RATING CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Voltage</th>
<th>Output Current</th>
<th>AC Inlet</th>
<th>Efficiency</th>
<th>Over Voltage Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSP040-DAAN3</td>
<td>24V</td>
<td>1.67A</td>
<td>C14</td>
<td>88%</td>
<td>≥89%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>35 Volts</td>
</tr>
</tbody>
</table>

**MECHANICAL & AC CONNECTOR SPECIFICATIONS**

FSP040-DAAN3

[Diagram showing mechanical and AC connector specifications]