FSP300-601U (Active PFC & RoHS Compliant)
300 Watts, ATX12V, 1U Switching Power Supply

**Features**

- Complied with ATX and ATX12V standard
- Active Power Factor Correction (PFC) meet EN61000-3-2
- High efficiency and reliability
- Remote ON/OFF function
- Internal 12V DC fan included
- Noise Killer (thermal fan speed control function)
- Low noise and ripple
- Complies with FCC part 15 subpart J class B 115Vac operation, and CISPR 22 class B at 230Vac operation
- Output over voltage, short circuit, and over current protection
- 100% Hi-pot, ATE, and burn-in tested
- Re-settable power shut down
- Approved by UL60950-1, CSA C22.2 NO. 60950, TUV EN60950 or VDE EN60950, NEMKO EN60950 (CB Report),

**Input Characteristics**

**Input Range:** 90 ~ 264Vac (RMS), Full Range Input  
**Frequency:** 47 ~ 63Hz  
**Input Current:** 6A (RMS) @115Vac, 3A (RMS) @230Vac  
**Inrush Current:** 60A Max @115Vac, 90A Max @230Vac cold start

**Output Characteristics**

<table>
<thead>
<tr>
<th>Output Voltage</th>
<th>Minimum Load</th>
<th>Maximum Load</th>
<th>Load Reg.</th>
<th>Line Reg.</th>
<th>Ripple &amp; Noise</th>
</tr>
</thead>
<tbody>
<tr>
<td>+3.3V</td>
<td>0.3A</td>
<td>20.0A</td>
<td>± 5%</td>
<td>± 1%</td>
<td>50mV P-P</td>
</tr>
<tr>
<td>+5V</td>
<td>2.0A</td>
<td>25.0A</td>
<td>± 5%</td>
<td>± 1%</td>
<td>50mV P-P</td>
</tr>
<tr>
<td>+12V</td>
<td>0.2A</td>
<td>16.0A</td>
<td>± 5%</td>
<td>± 1%</td>
<td>120mV P-P</td>
</tr>
<tr>
<td>-5V</td>
<td>0.0A</td>
<td>0.3A</td>
<td>± 5%</td>
<td>± 1%</td>
<td>100mV P-P</td>
</tr>
<tr>
<td>-12V</td>
<td>0.0A</td>
<td>0.8A</td>
<td>± 5%</td>
<td>± 2%</td>
<td>120mV P-P</td>
</tr>
<tr>
<td>+5Vsb</td>
<td>0.0A</td>
<td>2.0A</td>
<td>± 5%</td>
<td>± 1%</td>
<td>100mV P-P</td>
</tr>
</tbody>
</table>

*+5V and +3.3V total output not exceed 157W  
**+3.3V, +5V, and +12V total output cannot exceed 280W  
* This subject power supply is 300W

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