DPS-300AB-9 Series

125 (W) x 63.5 (H) x 100 (L) mm

FEATURES
- Application: Desktop PC
- 80mm fan
- Comply with Intel SFX12V 3.0
- Remote On/Off
- Low acoustics noise
- High reliability
- Fan speed control
- Short circuit protection
- Over voltage protection
- Over current protection
- Active PFC to meet EN61000-3-2

ENVIRONMENTAL
- Operating ambient temperature: 5~50 ºC
- Operating relative humidity: 8~85%
- Storage ambient temperature: -40~70ºC
- Storage relative humidity: 5~95%
- Altitude: 10,000~50,000 feet
- MTBF: > 100K hours @ max. load & 25ºC ambient conditions.

ELECTRICAL SPECIFICATIONS

INPUT
- Input Range: 90~264Vac
- Frequency: 47~63Hz
- Input Current: <6A @ 90Vac
- Efficiency: >70% @ 115/230Vac
- EMI/RFI: VCCI Class B, FCC

OUTPUT
- Maximum Power: 300 Watts
- Holdup Time: >16mS @ 115/230Vac
- Rise Time: 0.1~20mS
- Overvoltage Protection: +3.3V, +5V, +12V
- Overcurrent Protection: <240VA
- Short-Circuit Protection: Latch off
- Power Good Signal: TTL compatible on delay 100mS to 500mS, off delay 1mS.

<table>
<thead>
<tr>
<th>Output</th>
<th>Voltage</th>
<th>Regulation</th>
<th>Minimum Load</th>
<th>Maximum Load</th>
<th>Peak Load</th>
<th>Ripple &amp; Noise Vp-p</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1</td>
<td>+3.3V</td>
<td>±5%</td>
<td>0.5A</td>
<td>18.0A</td>
<td>-</td>
<td>50mV</td>
</tr>
<tr>
<td>V2</td>
<td>+5V</td>
<td>±5%</td>
<td>0.3A</td>
<td>18.0A</td>
<td>-</td>
<td>50mV</td>
</tr>
<tr>
<td>V3</td>
<td>+12V1</td>
<td>±5%</td>
<td>1.0A</td>
<td>11.0A</td>
<td>-</td>
<td>120mV</td>
</tr>
<tr>
<td>V4</td>
<td>+12V2</td>
<td>±5%</td>
<td>1.0A</td>
<td>14.5A</td>
<td>-</td>
<td>200mV</td>
</tr>
<tr>
<td>V5</td>
<td>-12V</td>
<td>±10%</td>
<td>0.0A</td>
<td>0.4A</td>
<td>-</td>
<td>120mV</td>
</tr>
<tr>
<td>V6</td>
<td>+5Vsb</td>
<td>±5%</td>
<td>0.0A</td>
<td>2.0A</td>
<td>2.5A</td>
<td>50mV</td>
</tr>
</tbody>
</table>

1. Total continue power output: 300W
2. The combined power on +3.3V & +5V: 125W max
3. The combined power on +3.3V, +5V & +12V: 285W max

All specifications are subject to change without prior notice.