FSP 51AAC Series features with eco-friendly design, which allows 51AAC series to reach up to 88% efficiency. 51AAC series also equipped with complete protection to prevent your system from damage. 51AAC series does the job efficiently and reliably, making it a stable power supply unit built to satisfy the demands of all kind of system build.

**GENERAL SPECIFICATIONS**

- **Dimension:** 140 x 150 x 86 (mm)
- **(L x W x H):** 5.51 x 5.91 x 3.39 (inch)
- **Efficiency:** 80 Plus Bronze Efficiency
- **Environment**
  - **Working temperature:** 0°C to 40°C
- **Hold-up time:** 230V / 50Hz: ≥ 16ms
- **Storage temperature:** -20°C to + 70°C
- **Operating altitude:** 2,000 meters above sea level
- **Working humidity:** ~95% RH non-condensing
- **MTBF:** 100,000 hours of continuous operation at 25°C, Max. output load
- **Storage humidity:** ~95% RH non-condensing

**INPUT SPECIFICATIONS**

- **Input voltage:** 180-264Vac
- **Input frequency:** 50-60Hz
- **Input current:** 200-240 Vac @ 4.5A
OUTPUT RATING

<table>
<thead>
<tr>
<th>Outputs</th>
<th>+3.3V</th>
<th>+5V</th>
<th>+12V</th>
<th>-12V</th>
<th>+5Vsb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max</td>
<td>20A</td>
<td>20A</td>
<td>62.5A</td>
<td>0.3A</td>
<td>2.5A</td>
</tr>
<tr>
<td>Min.</td>
<td>0A</td>
<td>0A</td>
<td>0A</td>
<td>0A</td>
<td>0A</td>
</tr>
<tr>
<td>Regulation</td>
<td>±5%</td>
<td>±5%</td>
<td>±5%</td>
<td>±10%</td>
<td>±5%</td>
</tr>
<tr>
<td>Ripple/Noise</td>
<td>50 mV</td>
<td>50 mV</td>
<td>120 mV</td>
<td>120 mV</td>
<td>50 mV</td>
</tr>
</tbody>
</table>

(1) The +3.3V and +5V total output shall not exceed 100W
(2) Maximum combined current for the +12V outputs shall be 62.5A.

MECHANICAL SPECIFICATIONS