FSP 50ABB Series features with eco-friendly design, which allows 50ABB series to reach up to 90% efficiency. 50ABB series also equipped with complete protection to prevent your system from damage. 50ABB series does the job efficiently and reliably, making it a stable power supply unit built to satisfy the demands of all kinds of system build.

GENERAL SPECIFICATIONS

**Dimension:**
- Length: 150 mm
- Width: 150 mm
- Height: 86 mm

**Efficiency:** 80 Plus Gold Efficiency

**Hold-up time:**
- 115V / 60Hz: ≥ 16ms
- 230V / 50Hz: ≥ 16ms

**Operating altitude:**
- 5,000 meters above sea level

**MTBF:**
- 100,000 hours of continuous operation at 25°C, Max. output load

**Environment**
- **Working temperature:** 0°C to 50°C
- **Storage temperature:** -40°C to +70°C
- **Working humidity:** ~90% RH non-condensing
- **Storage humidity:** ~90% RH non-condensing

**Input Specifications**

- **Input voltage:** 90-264VAC
- **Input frequency:** 47-63Hz
- **Input current:** 115 Vac @ 10A, 230 Vac @ 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>±3%</td>
<td>±3%</td>
<td>±1%</td>
<td>±10%</td>
<td>±3%</td>
</tr>
<tr>
<td>Ripple/Noise</td>
<td>30 mV</td>
<td>30 mV</td>
<td>60 mV</td>
<td>100 mV</td>
<td>30 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

![Mechanical Diagrams](image-url)