FSP220-20FGBBD is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 220 Watts, and uses unique active PFC (Power Factor Correction) circuit design with its high-load electrical components, makes it to be perfectly used in an industrial environment. In addition, with its full range of input and output electrical features, the power supply is ideally the best choice for PoE Switch, PoE NVR, communication or any other networking applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

**APPLICATION**
For PoE Switch, PoE NVR and networking system.

**FEATURES**
- 80 Plus Bronze
- Low Ripple & Noise
- Output over voltage protection
- Short circuit protection on all outputs
- Resettable power shut down
- INTERNAL 4 cm fan
- 100% burn-in under high ambient temperature (50°C)
- Vacuum-impregnated transformer
- MTBF: 100K hours at 25°C
- 100% Hi-pot tested
- Line input fuse protection

**WATTAGE**
Wattage: 220W

**DIMENSION**
Dimension: 150mm(L) x 81.5mm(W) x 40.5mm(H)

**PRODUCT HIGHLIGHT**
Efficiency Level: 80 Plus Bronze

**INPUT SPECIFICATION**
- Input Range: 90-264 Vac
- Input Frequency: 47-63 Hz
- Input Current: 115V@ 5.5 Amps-rms maximum
  230V@ 3.2 Amps-rms maximum

**GENERAL SPECIFICATION**
- Efficiency: 90% 115VAC
- Voltage +12V: ±5%

*Output Voltage and Current Rating*

<table>
<thead>
<tr>
<th></th>
<th>+12V</th>
<th>+53V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ripple-Noise(R-P) mV</td>
<td>140mV</td>
<td>400mV</td>
</tr>
<tr>
<td>Regulation Load %</td>
<td>±5%</td>
<td>±5%</td>
</tr>
<tr>
<td>Output Max.(A)</td>
<td>6A</td>
<td>2.8A</td>
</tr>
<tr>
<td>Output Min.(A)</td>
<td>0A</td>
<td>0A</td>
</tr>
</tbody>
</table>

**NOTES**
- Total output for this subject power supply is 220 watts.
- Ripple and noise measurements shall be made under all specified load conditions through a single pole low pass filter with 20MHz cutoff frequency. Outputs shall bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

This content is subject to change, please refer to specification for more detail. FSP reserve the right to change the content without prior notice.