FEATURES
- PS/2 ATX Form Factor
- Complies with ATX12V Standard
- Meets 80PLUS Bronze Efficiency Level
- Active PFC meets EN 61000-3-2 Standard
- Remote ON/OFF Function
- Approved to UL/IEC/EN 60950-1 2nd Edition

INPUT SPECIFICATIONS
Input Voltage Range ............... 90-264 VAC
Input Frequency .................. 47-63 Hz
Input Current ...................... 8A rms max. @ 115 VAC
Earth Leakage Current ............ 350µA max. @ 264 VAC, 63Hz

OUTPUT SPECIFICATIONS
Output Power Ratings ............. See rating chart
Load Regulation ................... See rating chart
Ripple & Noise* .................... See rating chart
Hold-up Time ...................... 17ms min. @ 115/230 VAC
Rise Time .......................... 20ms max. @ 115/230 VAC
Over Voltage Protection, +3.3V .. 3.5-4.5V
  +5V ..... 5.5-6.82V
  +12V ... 13.4-15.6V
Over Current Protection, +3.3V .. 50mA p-p
  +5V ..... 50mA p-p
  +12V ... 120mA p-p
  -12V... 120mA p-p
  +5Vsb  50mA p-p
  -5V ... 50mA p-p
Short Circuit Protection .......... On all outputs, Load of less than 0.1 ohm
Temperature Coefficient .......... ±0.04%/°C max.

OUTPUT VOLTAGE & CURRENT RATING CHART
<table>
<thead>
<tr>
<th>Output Voltage</th>
<th>Minimum Load</th>
<th>*Maximum Load</th>
<th>Load Regulation</th>
<th>Ripple &amp; Noise VP-P Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>+3.3V</td>
<td>0.1A</td>
<td>24A</td>
<td>±5%</td>
<td>50mV</td>
</tr>
<tr>
<td>+5V</td>
<td>0.2A</td>
<td>20A</td>
<td>±5%</td>
<td>50mV</td>
</tr>
<tr>
<td>+12Vv</td>
<td>0.1A</td>
<td>16A</td>
<td>±5%</td>
<td>120mV</td>
</tr>
<tr>
<td>+12Vz</td>
<td>0.5A</td>
<td>16A</td>
<td>±5%</td>
<td>120mV</td>
</tr>
<tr>
<td>-12V</td>
<td>0A</td>
<td>0.5A</td>
<td>±10%</td>
<td>120mV</td>
</tr>
<tr>
<td>+5Vsb</td>
<td>0A</td>
<td>3A</td>
<td>±5%</td>
<td>50mV</td>
</tr>
<tr>
<td>-5V</td>
<td>0A</td>
<td>0.3A</td>
<td>±10%</td>
<td>50mV</td>
</tr>
</tbody>
</table>

* The overall output power is 500W maximum.
* The total output power for +3.3V & +5V is 150W maximum.

GENERAL SPECIFICATIONS
Efficiency ...................... 85% typ. @ full load
Operating Altitude .......... 2,000 meters max.
Operating Temperature ...... 0°C to +50°C
Storage Temperature ....... -20°C to +80°C
Relative Humidity .......... 5% to 95% non-condensing
Withstand Voltage .......... 1,800 VAC, input-ground
MTBF ................................ 150K hours minimum at full load & 25°C ambient, calculated per MIL-HDBK-217F

STANDARDS & COMPLIANCES
EMI/EMC ...................... FCC & CISPR 22, Class B conducted
                          FCC & EN 55022, Class B radiated
Safety Standards .......... UL/IEC/EN 60950-1 2nd Edition
Agency Approvals ........ UL, cUL, TUV, CB, CE
Other Compliance .......... 80PLUS, RoHS

MECHANICAL SPECIFICATIONS

Notes:
1. Dimensions in mm.
2. Power switch is optional.
3. Customized cable sets available upon request.