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 ......................... 47-63Hz
Input Current ..................................... 6A rms max. @ 115 VAC
..................................................... 3A rms max. @ 230 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 .. 3.76-6V
+5V ...... 5.74-7V
+12V ... 13.4-15.6V
Over Current Protection, +3.3V 50mV p-p
+5V ...... 50mV p-p
+12V ... 120mV p-p
-12V .... 120mV p-p
+5Vsb .. 50mV p-p
Short Circuit Protection ............ On all outputs, Load of less than 0.1 ohm
Temperature Coefficient ............ ±0.04%/°C max.

* Measured with 20MHz bandwidth at rated line voltage and output load ranges, with a 10µF tantalum capacitor in parallel with a 0.1µF ceramic disk capacitor across the output connector.

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>21A</td>
<td>±5%</td>
<td>50mV</td>
</tr>
<tr>
<td>+5V</td>
<td>0.2A</td>
<td>15A</td>
<td>±5%</td>
<td>50mV</td>
</tr>
<tr>
<td>+12V1</td>
<td>0.1A</td>
<td>11A</td>
<td>±5%</td>
<td>120mV</td>
</tr>
<tr>
<td>+12V2</td>
<td>0.5A</td>
<td>8A</td>
<td>±5%</td>
<td>120mV</td>
</tr>
<tr>
<td>-12V</td>
<td>0A</td>
<td>0.3A</td>
<td>±10%</td>
<td>120mV</td>
</tr>
<tr>
<td>+5Vsb</td>
<td>0A</td>
<td>2.5A</td>
<td>±5%</td>
<td>50mV</td>
</tr>
</tbody>
</table>

* The overall output power is 300W maximum.
* The total output power for +3.3V & +5V is 130W maximum.
* +12V2 supports processor power requirements and must have a separate current limit and provide 13A peak current for 10ms, minimum voltage during peak is >10.8VDC.

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, CCC
Other Compliance .............. 80PLUS, RoHS

MECHANICAL SPECIFICATIONS

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

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