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  
  4A 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 ....................... 15ms min. @ 115/230 VAC  
Rise Time ........................... 20ms max. @ 115/230 VAC  
Over Voltage Protection, +3.3V .... 3.7-4.8V  
  +5V .... 5.7-7V  
  +12V ... 13.3-16V  
Over Current Protection, +3.3V ... 50mV p-p  
  +5V .... 50mV p-p  
  +12V ... 120mV p-p  
  -12V ... 120mV p-p  
  +5Vsb 50mV p-p  
  -5V ...... 100mV p-p  
Short Circuit Protection .......... Shut down, Latch off on all outputs  
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.

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

MECHANICAL SPECIFICATIONS

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