TIPC350-1UG
350W 1U ATX12V IPC Power Supply

FEATURES
- 1U Form Factor
- Meets ATX 12V Standard
- 80PLUS Gold Efficiency Level
- Active PFC meets EN 61000-3-2 Standard
- 5,000 Meters Operating Altitude
- Approved to UL/IEC/EN 60950-1 2nd Edition

INPUT SPECIFICATIONS
Input Voltage Range ................... 90-264 VAC
Input Frequency .......................... 47-63Hz
Input Current ............................... 5A rms max. @ 115 VAC
Inrush Current ................................ 50A @ 115 VAC,
100A @ 230 VAC, at 25°C cold start
Earth Leakage Current .................... 350µA max. @ 264 VAC, 50Hz

OUTPUT SPECIFICATIONS
Output Power Ratings ................ See rating chart
Load Regulation ......................... See rating chart
Ripple & Noise* ......................... See rating chart
Hold-up Time ............................ 16ms min. @ 115/230VAC
Rise Time .................................. 20ms max. @ 115/230VAC
Over Voltage Protection, +3.3V ... 3.7-4.8V
+5V ...... 5.7-7V
+12V ... 13.4-16V
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 .............. On all outputs, Load of less than 0.1 ohm
Temperature Coefficient ............ ±0.04%/°C max.

GENERAL SPECIFICATIONS
Efficiency ............................. 92% typ. @ full load
Operating Altitude .................... 5,000 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. Customized cable set available upon request.

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