



TRUMPower

TIPC350-FX

350W FlexATX IPC Power Supply

FEATURES

- Complies with Flex ATX Standard
Meets 80PLUS Efficiency Level
Active PFC meets EN 61000-3-2 Standard
Remote ON/OFF Function
2,000 Meters Operating Altitude
Approved to IEC/EN/UL 60950-1 2nd Edition



INPUT SPECIFICATIONS

Input Voltage Range ..... 90-264 VAC
Input Frequency ..... 47-63Hz
Input Current ..... 7A rms max. @ 115 VAC
3.5A rms max. @ 230 VAC
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 ..... 17ms min. @ 115/230VAC
Rise Time ..... 20ms max. @ 115/230VAC
Over Voltage Protection, +3.3V .. 3.5-4.3V
+5V ..... 5.5-7V
+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
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.

Table with 5 columns: Output Voltage, Minimum Load, \*Maximum Load, Load Regulation, Ripple & Noise VP-P Max. Rows include +3.3V, +5V, +12V1, +12V2, -12V, and +5Vsb.

\* The overall output power is 350W maximum.
\* The total output power for +3.3V & +5V is 105W maximum.
\* The total output current for +12V1 & +12V2 is 25A maximum.

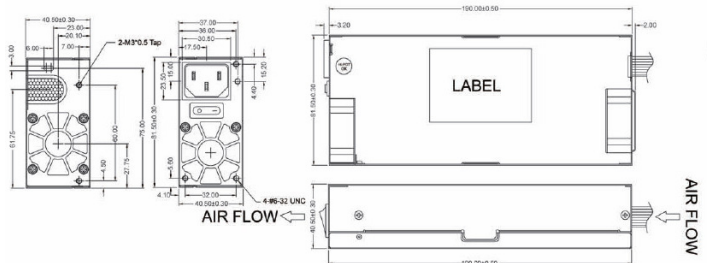
GENERAL SPECIFICATIONS

Efficiency ..... 80% min. @ 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, EuP Lot 6:2013

MECHANICAL SPECIFICATIONS



- Notes:
1. Dimensions in mm.
2. Customized cable set available upon request.