

FLXA5251A-B



GENERAL SPEC.

■ Hold-up Time	16mS@80% load at 230 Vac/50Hz
■ Dimensions	L150 x W81.5 x H40.5 (mm)
■ MTBF	100,000 hours minimum at full load
■ Output Rise Time	0.2~22mS Maximum
■ Power Factor	0.95 typical load

ENVIRONMENTAL SPEC.

Operating Temperature	0°C ~ +35°C
Storage Temperature	-40°C ~ +66°C

OUTPUT CURRENT CAPACITY

Output	Min	Max	Peak
+5V	0.3A	14A	Combine 80 Watt
+3.3V	0.0A	12A	
+12V	0.3A	17A	
-12V	0.0A	0.3A	
+5Vsb	0.0A	2A	

- Total output power is 250W.
- Total peak power shall not exceed 300W and the surge duration shall be less than 10seconds.

MODEL DESCRIPTION

This product was designed for high efficiency 1U Rack-mount system, operating for Network Appliance System (NAS), DVR, NVR, DSS or in Intel Atom plat form. The FLXA5251A-B is a 250W power supply with five outputs; +3.3V, +5V, +12V, -12V and +5Vsb.C

FEATURES

- ◆ Safety according to EN 60950-1:2006/UL 60950-1 2nd Edition
- ◆ 80plus Bronze certified, 85% efficiency at 50% load.
- ◆ Environmental Compliance: RoHS, WEEE, REACH
- ◆ Power density of 8.38W/in³.
- ◆ Smart fan speed control
- ◆ Meet ErP, Lot 6, tier 1, 2013.
- ◆ 3 years warranty.

INPUT SPEC.

Input Voltage Range	90~264Vac
Input Frequency Range	47/63Hz
Leakage Current	< 3.5mA
AC Input Current	4A@115Vac/230Vac
PFC (Harmonic)	Meet EN61000-3-2 compliant
EMI/RFI	CISPR 22 Class B

OUTPUT SPEC.

Output Power	250W
Efficiency	82%@20%; 85%@50%; 82%@100% load.
OVP	+5V: <7V ; +3.3V: <4.5V ; +12V: <16V
OCP	130% ~ 150%; +12V: latch off, +5Vsb: hiccup
SCP	Latch off all main outputs reset by cycling on/off control or AC power

SAFETY.

- UL, cUL, TUV, CB, CE, CCC, BSMI

OUTLINE DRAWING.

