

## FLXA5101A-0



## GENERAL SPEC.

■ Hold-up Time	17mS@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	20mS Maximum
■ Power Factor	0.90 typical load

## ENVIRONMENTAL SPEC.

Operating Temperature	0°C ~ +50°C
Storage Temperature	-20°C ~ +80°C

## OUTPUT CURRENT CAPACITY

Output	Min	Max	Peak
+5V	1.5A	14A	20A
+3.3V	0.3A	12A	
+12V	0.5A	8A	10A
-12V	0.0A	0.3A	
+5Vsb	0.0A	2A	2.5A

- +3.3V & +5V total output shall not exceed 75W.
- Total output power continue shall not exceed 100W.
- +12V peak current is 10A (less than 17Sec).
- +5V peak current is 20A (less than 10Sec).
- +5Vsb peak current is 2.5A (less than 500mSec).

## 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 FLXA5101A-0 is a 100W power supply with five outputs; +3.3V, +5V, +12V, -12V and +5Vsb.

## FEATURES

- ◆ Safety according to EN 60950-1:2006/UL 60950-1 2nd Edition
- ◆ Input power < 1W@5Vsb/100mA with 230Vac input.
- ◆ Environmental Compliance: RoHS, WEEE, REACH
- ◆ Meet ErP, Lot 6, tier 1, 2010.
- ◆ Power density of 3.35W/in<sup>3</sup>.
- ◆ Smart fan speed control
- ◆ 3 years warranty.

## INPUT SPEC.

Input Voltage Range	90~264Vac
Input Frequency Range	47/63Hz
Leakage Current	< 3.5mA
AC Input Current	1.5A@115Vac/1.0A@230Vac
PFC (Harmonic)	Meet EN61000-3-2 compliant
EMI/RFI	CISPR 22 Class B

## OUTPUT SPEC.

Output Power	100W
Efficiency	>75% at 100% load conditions.
OVP	+5V: <7V ; +3.3V: <4.8V ; +12V: <16.5V
OCP	Meet 240VA, main outputs latch off, +5Vsb: hiccup
OTP	Latch off.
SCP	Latch off all main outputs reset by cycling on/off control or AC power

## SAFETY.

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

## OUTLINE DRAWING.

