

## FLXA5181A-0



### 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 20mS Maximum
- Power Factor 0.90 typical load

### ENVIRONMENTAL SPEC.

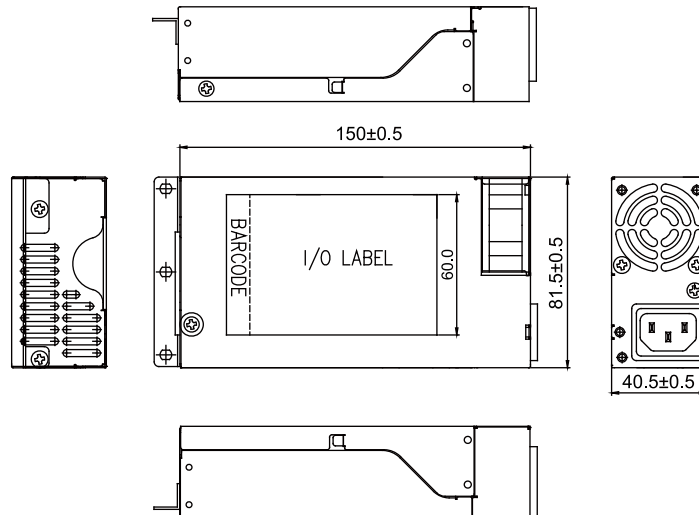
- Operating Temperature 0°C ~ +50°C
- Storage Temperature -20°C ~ +80°C

### OUTPUT CURRENT CAPACITY

Output	Min	Max	Peak
+5V	1.5A	14A	20A
+3.3V	0.3A	12A	
+12V	0.5A	14A	17.5A
-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 180W.
- +12V peak current is 17.5A (less than 17Sec).
- +5V peak current is 20A (less than 10Sec).
- +5Vsb peak current is 2.5A (less than 500mSec).

### OUTLINE DRAWING.



### 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 FLXA5181A-0 is a 180W 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 6.03W/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 180W
- Efficiency >70% at 100% load conditions.
- OVP +5V: <7V ; +3.3V: <4.8V ; +12V: <16.5V
- OCF 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