

EA11603 Series

150Watts Max. Switching Adapter (Active PFC)

Features

- Active PFC
- Slim & Compact size
- LED Indication
- Auto Fan on-off control
- High efficiency > 85%
- Over voltage protection
- Short circuit protection
- Over current protection
- 100% Burn-In
- MTBF: > 50,000 hours
- 100% Hi-Pot tested



Electrical Specifications

INPUT

Input range	.100 to 240 VAC
Frequency	.47 to 63 Hz
Input current	.2.5A Max.
Inrush current	.100.0 Amps maximum
Efficiency	.85% Typical. At full load, Nominal Line
Hold Up Time	.10 ms Min.
Turn On Time	.3s. Max.
EMI / EMC	.FCC part 15J class B, CISPER 22 class

OUTPUT

Over voltage protection	.Auto Recovery
Over Current protection	.Auto Recovery
Leakage Current	.0.75mA Max.

ENVIRONMENTAL

Operating temperature	.0 to 40°C
Storage temperature	.-20 to 85 °C
Storage humidity	.5 % to 95%

Safety & EMI/EMC

UL 60950, CUL 22.2 No.950, TUV EN60950
 EMI : FCC part 15J class B, CISPER 22 class B
 EMS: EN61000-4-2,-3,-4,-5,-6,-8,-11
 EN61000-3-2,-3



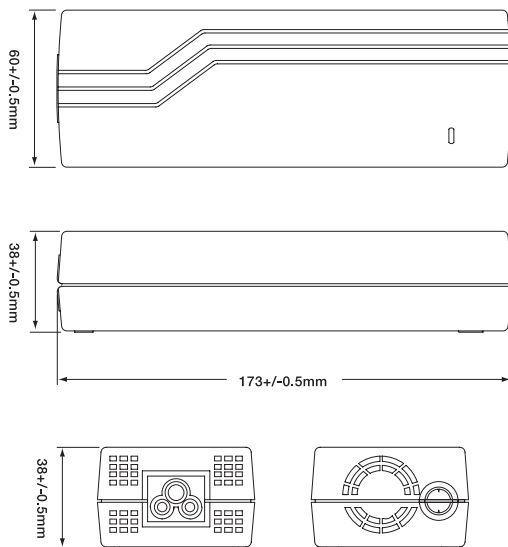
150W SWITCHING ADAPTER

MODEL No.	MAX. POWER	OUTPUT VOLTAGE	MIN. LOAD	MAX. LOAD	LOAD REGULATION	LINE REGULATION	RIPPLE& NOISE	REMARK
EA11603A	150W	12~17	0	10A	+/- 5%	+/- 1%	120mVp-p	Fan Installed
EA11603	150W	18~24	0	7.5A	+/- 5%	+/- 1%	240mVp-p	Fan Installed

NOTE :

- 1 : Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uf ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.

Mechanical Specification



1. Case Size: 173.0x60.0x38.0(mm)
2. AC Inlet: IEC60320 C6
3. DC Cable & Plug: The standard DC cable is UL1571 14AWG 1200mm with 4 Pin Power Din Plug or refer to the DC plug appendix page.
4. Weight:560g

Order Information

EA11603 Y - vv PP

