

EA1095 Series

90Watts Max. Switching Adapter (Active PFC)

Features

- Active PFC
- Slim & Compact size
- LED Indication
- High efficiency
- Over voltage protection
- Short circuit protection
- Over current protection
- 100% Burn-In
- MTBF: > 50,000 hours
- 100% Hi-Pot tested
- AC socket IEC 60320 C8, C6 receptacle



Electrical Specifications

INPUT

Input range	.100 to 240 VAC
Frequency	.47 to 63 Hz
Input current	.2.5A Max.
Inrush current	.80.0 Amps maximum
Efficiency	.85% TYP. 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 B

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



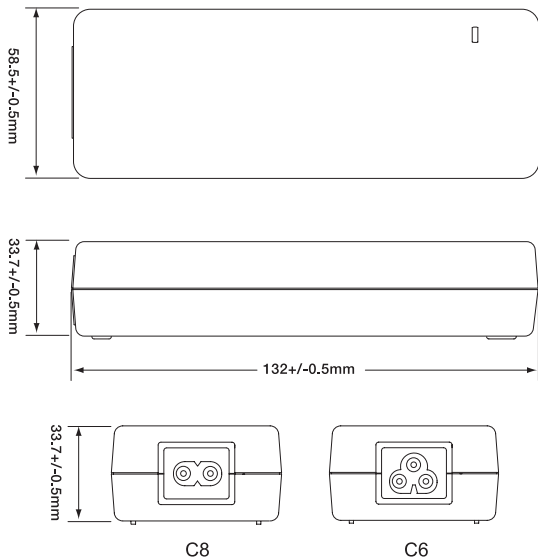
90W SWITCHING ADAPTER

MODEL No.	MAX. POWER	OUTPUT VOLTAGE	MIN. LOAD	MAX. LOAD	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1095xA	80W	12~17	0	6.6A	+/- 5%	+/- 1%	200mVp-p
EA1095x	90W	18~24	0	4.75A	+/- 5%	+/- 1%	240mVp-p

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: 132.0x58.5x33.7(mm)
2. AC Inlet: IEC60320 C8,C6
3. DC Cable & Plug: The standard DC cable is UL1185 16AWG 1200mm with plug 5.5 x 2.1 x 11mm, central positive or refer to the DC plug appendix page.
4. Weight:420g

Order Information

EA1095 x Y - vv PP

