

# EA1095 Series

80W - 100W AC-DC Fixed Single Output Desktop Adapter



## Features

- LED Indicator
- LPS Compliance
- Active PFC Function
- Protections:
  - Short circuit / Over voltage / Over current
  - Over temperature
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption  $\leq 0.21$  W (VI),  $\leq 0.15$  W (Tier II)
- MTBF > 100,000 hours

## EA1095 X Y - vv PP

- X:** AC inlet: 1. C14 2. C8 3. C6 6. C18  
**Y:** Output range  
**vv:** Specified output voltage, i.e. 12 is 12VDC  
**PP:** DC plug type, i.e. Code 01 for 5.5x2.1mm or other options (refer to the appendix page)

## General Specification

### OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1095XC	84W	12~18V	0A	7A	$\pm 5\%$	$\pm 1\%$	270mV
EA1095XD	80W	18~24V	0A	4.44A	$\pm 5\%$	$\pm 1\%$	360mV
EA1095XE	90W	18~24V	0A	5A	$\pm 5\%$	$\pm 1\%$	360mV
EA1095XF	90W	12~18V	0A	7.5A	$\pm 5\%$	$\pm 1\%$	270mV
EA1095XG	80W	32~42V	0A	2.5A	$\pm 5\%$	$\pm 1\%$	630mV
EA1095XH	80W	44~56V	0A	1.81A	$\pm 5\%$	$\pm 1\%$	840mV
EA1095XJ	90W	32~42V	0A	2.81A	$\pm 5\%$	$\pm 1\%$	630mV
EA1095XK	90W	44~56V	0A	2.04A	$\pm 5\%$	$\pm 1\%$	840mV
EA1095XL	100W	32~42V	0A	3.12A	$\pm 5\%$	$\pm 1\%$	630mV
EA1095XM	100W	44~56V	0A	2.27A	$\pm 5\%$	$\pm 1\%$	840mV

### 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.
- 3 : Max. Power (W)  $\geq V_o \times I_o$

### INPUT

- Input Range: 100 to 240 VAC
- Frequency: 50 to 60Hz
- Input Current:  $\leq 2.5$ A
- Inrush Current:  $\leq 120$ A/230VAC
- Hold Up Time:  $\geq 8.3$ ms
- Turn On Time:  $\leq 3$ s

### PROTECTION

- Short Circuit Protection: Auto Recovery
- Over Voltage Protection: Auto Recovery
- Over Current Protection: Auto Recovery
- Over Temperature Protection: Latch-off

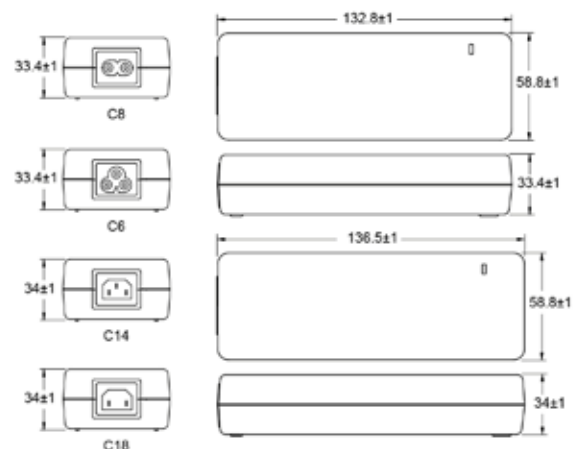
### ENVIRONMENT

- Operating Temperature: -20 to 40°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

### SAFETY

- Certified for whole series: UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), CCC, UKCA
- Certified for assigned models: BSMI, PSE, BIS, RCM, KC, CU, PSB, NRCAN, Argentina

### MECHANICAL



- Case Size: 132.8L x 58.8W x 33.4H (mm) for AC inlet C8, C6  
136.5L x 58.8W x 34H (mm) for AC inlet C14, C18
- Weight: 420g