

# EA1095 Series

AC/DC Single Output Desk Top Type  
 • 80~100Watts Max.



## Features

- Active PFC Function
- DoE Compliance
- RoHS Compliance
- IEC320 C14, C8, C6, C18
- Over Voltage Protective Installation
- Over Current Protective Installation
- Short Circuit Protective Installation
- LED Indication
- MTBF: >100,000 hours

## EA1095 x Y - wv PP

**x:** Case type: 1. C14 2. C8 3. C6 6. C18

**Y:** Output range

**wv:** Specified output voltage, ie 24 is 24Vdc

**PP:** Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

## Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1095x	90W	18V~24V	0A	4.75A	± 5%	± 1%	360mV
EA1095xA	84W	12V~18V	0A	6.60A	± 5%	± 1%	270mV
EA1095xA1	80W	15V~17V	0A	5.00A	± 5%	± 1%	255mV
EA1095xB	90W	15V~24V	0A	5.00A	± 5%	± 1%	360mV
EA1095xC	84W	12V~18V	0A	7.00A	± 5%	± 1%	270mV
EA1095xD	80W	18V~24V	0A	4.44A	± 5%	± 1%	360mV
EA1095xE	90W	18V~24V	0A	5.00A	± 5%	± 1%	360mV
EA1095xF	90W	12V~18V	0A	7.50A	± 5%	± 1%	270mV
EA1095xG	80W	32V~42V	0A	2.50A	± 5%	± 1%	630mV
EA1095xH	80W	44V~56V	0A	1.81A	± 5%	± 1%	840mV
EA1095xJ	90W	32V~42V	0A	2.81A	± 5%	± 1%	630mV
EA1095xK	90W	44V~56V	0A	2.04A	± 5%	± 1%	840mV
EA1095xL	100W	32V~42V	0A	3.12A	± 5%	± 1%	630mV
EA1095xM	100W	44V~56V	0A	2.27A	± 5%	± 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 ±10% of input voltage from nominal line at rated load.
- 3 : Max. Output Power (W) ≥Vo x Io

## Electrical Specifications

### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current ≤2.5A
- Inrush Current ≤100A At cold start
- Efficiency Meet CEC Level VI (DoE), CoC Tier 2
- Hold Up Time ≥8.3mS
- Turn On Time ≤3S

### OUTPUT

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

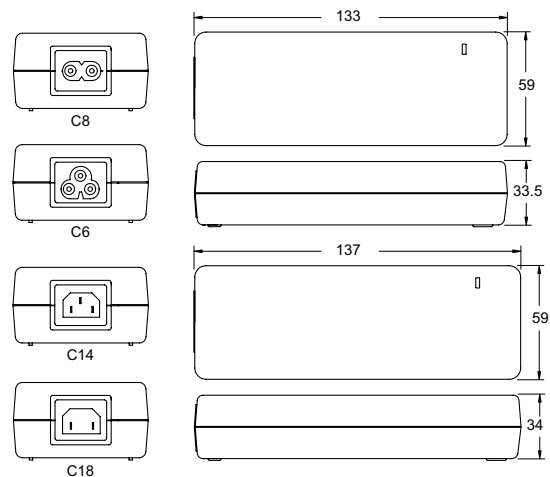
### ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 90%

### SAFETY

- UL/cUL, TUV, CB, CE, FCC, CCC

## Mechanical Specification



- Case Size: 132.8Lx58.8Wx33.4H(mm) For AC inlet C8, C6
- Case Size: 136.5Lx58.8Wx34H(mm) For AC inlet C14, C18
- Weight: 420g