

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 - w PP

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

Y: Output range

w: 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

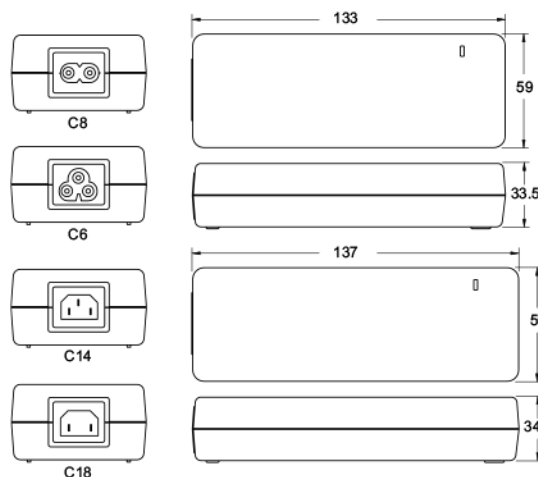
ENVIRONMENTAL

- 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