

Features

- Active PFC Function
- CEC Compliance
- RoHS Compliance
- IEC320 C14, C8, C6, C18
- Over Voltage Protective Installation
- Over Current Protective Installation
- Short Circuit Protective Installation
- LED Indication
- MTBF: >30,000 hours



EM1095 x Y - vv PP

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

Y: Output range

vv: 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
EM1095xA	80	12V~18V	0A	6.66A	± 5%	± 1%	250mV
EM1095xB	80	18V~24V	0A	4.44A	± 5%	± 1%	350mV
EM1095xC	80	32V~42V	0A	2.50A	± 5%	± 1%	500mV
EM1095xD	80	44V~56V	0A	1.82A	± 5%	± 1%	720mV
EM1095xE	90	12V~18V	0A	7.50A	± 5%	± 1%	250mV
EM1095xF	90	18V~24V	0A	4.74A	± 5%	± 1%	350mV
EM1095xG	90	32V~42V	0A	2.81A	± 5%	± 1%	500mV
EM1095xH	90	44V~56V	0A	2.05A	± 5%	± 1%	720mV
EM1095xI	100	32V~42V	0A	3.12A	± 5%	± 1%	500mV
EM1095xJ	100	44V~56V	0A	2.27A	± 5%	± 1%	720mV

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 V, VI
- 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

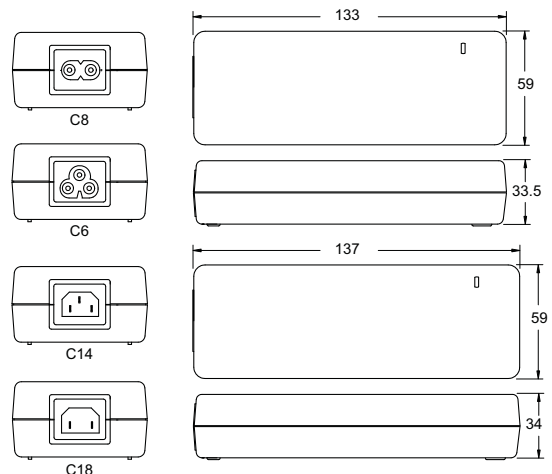
ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

SAFETY

- UL/CUL UL60601, TUV/CB EN/IEC 60601 CE, FCC

Mechanical Specification



- Case Size: 133Lx59Wx33.5H(mm) For AC inlet C8, C6
- Case Size: 137Lx59Wx34H(mm) For AC inlet C14, C18
- Weight: 420g