EA1095 Series

• 80~100W Max.

AC/DC Desktop Adaptor

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 ≤ 0.21 W (VI), ≤ 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	± 5%	± 1%	270mV
EA1095XD	80W	18~24V	0A	4.44A	± 5%	± 1%	360mV
EA1095XE	90W	18~24V	0A	5A	± 5%	± 1%	360mV
EA1095XF	90W	12~18V	0A	7.5A	± 5%	± 1%	270mV
EA1095XG	80W	32~42V	0A	2.5A	± 5%	± 1%	630mV
EA1095XH	80W	44~56V	0A	1.81A	± 5%	± 1%	840mV
EA1095XJ	90W	32~42V	0A	2.81A	± 5%	± 1%	630mV
EA1095XK	90W	44~56V	0A	2.04A	± 5%	± 1%	840mV
EA1095XL	100W	32~42V	0A	3.12A	± 5%	± 1%	630mV
EA1095XM	100W	44~56V	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. Power (W) ≥ Vo x Io

INPUT

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

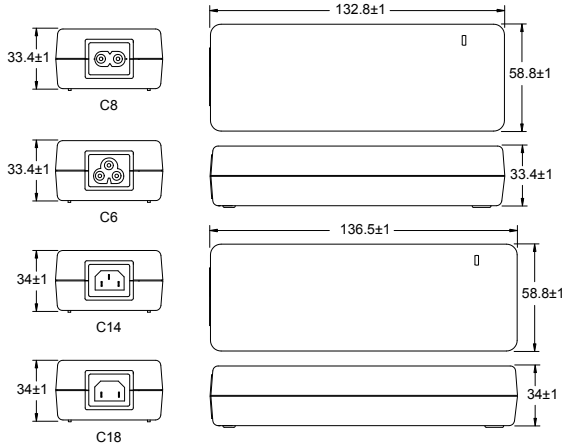
PROTECTION

- 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%

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

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