



80~100W Desktop single power supply < EA1095

AC/DC Desktop Adapter



Features

- 100-240VAC Universal Input
- 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)

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
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 $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

Electrical Specification

INPUT

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

OUTPUT

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

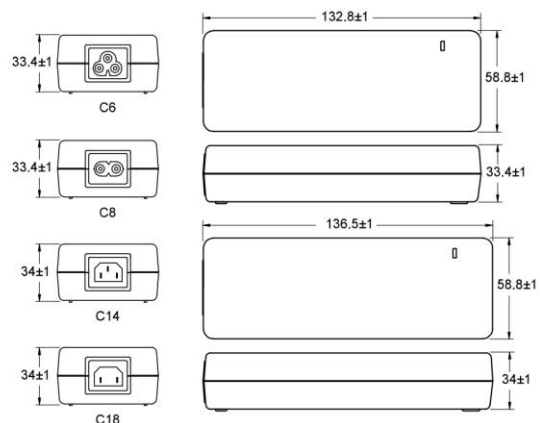
ENVIRONMENT

- Operating Temperature: 0 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/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE
- Certified for assigned models: CCC, BSMI, PSE, RCM, KC, BIS, CU, PSB, Argentina, NRCAN

Mechanical Specification



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