

AC/DC Desktop Adapter



Features

- Slim Size
- 100-240VAC Universal Input
- LED Indicator
- LPS Compliance
- Active PFC Function
- Protections:
 - Short circuit / Over voltage / Over current
 - Over temperature (optional)
- Energy Efficiency Level VI, CoC Tier II
- No load power consumption $\leq 0.15W$ (VI), $\leq 0.21W$ (Tier II)
- MTBF > 100,000 hours

EA1093 X Y - vv PP

X: AC inlet: 1. C14 2. C8 3. C6

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
EA1093xA	80W	12-18V	0A	6.67A	$\pm 5\%$	$\pm 1\%$	270mV
EA1093xB	80W	19-24V	0A	4.21A	$\pm 5\%$	$\pm 1\%$	360mV
EA1093xC	80W	32-42V	0A	2.5A	$\pm 5\%$	$\pm 1\%$	630mV
EA1093xD	80W	44-56V	0A	1.82A	$\pm 5\%$	$\pm 1\%$	840mV
EA1093xE	90W	12-18V	0A	7.5A	$\pm 5\%$	$\pm 1\%$	270mV
EA1093xF	90W	19-24V	0A	4.74A	$\pm 5\%$	$\pm 1\%$	360mV
EA1093xG	90W	32-42V	0A	2.82A	$\pm 5\%$	$\pm 1\%$	630mV
EA1093xH	90W	44-56V	0A	2.05A	$\pm 5\%$	$\pm 1\%$	840mV
EA1093xJ	100W	32-42V	0A	3.12A	$\pm 5\%$	$\pm 1\%$	630mV
EA1093xK	100W	44-56V	0A	2.27A	$\pm 5\%$	$\pm 1\%$	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: $\leq 2.5A$
- Inrush Current: 60A/100VAC 120A/230VAC
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

OUTPUT

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

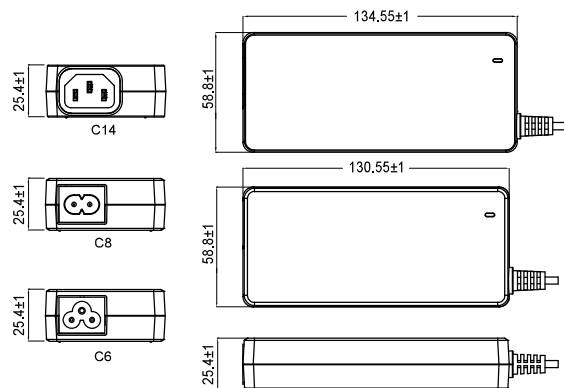
ENVIRONMENT

- 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

Mechanical Specification



- Case Size: 130.55L x 58.8W x 25.4H (mm) for C6,C8
134.55L x 58.8W x 25.4H (mm) for C14
- Weight: 350g