

### EA1093 Series



#### Features:

- Compact Size
- RoHS Compliance
- Active PFC function
- Over Voltage Protective Installation
- Over Current Protective Installation
- Short Circuit Protective Installation
- LED Indicator
- Efficiency level VI, CoC Tier 2
- MTBF > 100,000 hours

#### EA1093 x Y - vv PP

**x:** Case type: 2.C8 3.C6

**Y:** Output range

**vv:** Specified output voltage, ie 24 is 24Vdc

**PP:** Connector type, ie 01 for EDACPOWER standard dc cable.

Please refer to the appendix page.

#### Electrical Specification

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN.	MAX.	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
			LOAD(Io)	LOAD(Io)			
EA1093xA	90W	12-18V	0A	7.5A	± 5%	± 1%	270mV
EA1093xB	90W	19-24V	0A	4.73A	± 5%	± 1%	360mV
EA1093xC	90W	32-42V	0A	2.82A	± 5%	±1%	630mV
EA1093xD	90W	44-56V	0A	2.1A	± 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

#### Electrical Specification

##### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60 Hz
- Input Current ≤ 2.5A
- Inrush Current ≤ 100A At cold start
- Turn On Time ≤ 3s

##### OUTPUT

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

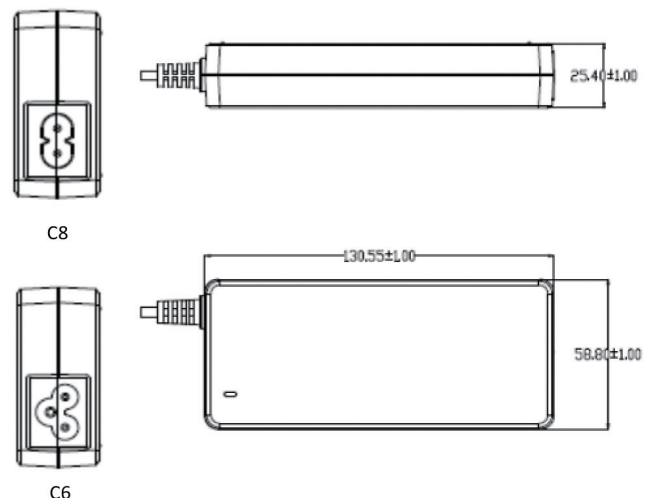
##### ENVIRONMENT

- Operating Temperature 0 to 40 °C
- Storage Temperature -20 to 85 °C
- Storage Humidity 5% to 90 %

##### SAFETY

Meet UL/cUL 62368, TUV EN62368, CB IEC62368, CB IEC60950, FCC, CE

#### Mechanical Specification



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