

AC/DC Single Output Desk Top Type

80 ~ 130 Watts Max.

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



EA1101 x Y - vv PP

x: Case type: 1. C14 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 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
EA1101xA	80 W	12 ~ 16 V	0	6.66A	± 5%	± 1%	240mV
EA1101xB	90 W	12 ~ 16 V	0	7.5A	± 5%	± 1%	240mV
EA1101xC	90 W	19 ~ 24 V	0	4.73A	± 5%	± 1%	360mV
EA1101xD	100 W	12 ~ 16 V	0	8.33A	± 5%	± 1%	240mV
EA1101xE	100 W	19 ~ 24 V	0	5.26A	± 5%	± 1%	360mV
EA1101xF	110 W	12 ~ 16 V	0	9.16A	± 5%	± 1%	240mV
EA1101xG	110 W	19 ~ 24 V	0	5.78A	± 5%	± 1%	360mV
EA1101xH	120 W	12 ~ 16 V	0	10A	± 5%	± 1%	240mV
EA1101xM	120 W	19 ~ 24 V	0	6.31A	± 5%	± 1%	360mV
EA1101xN	100 W	48 ~ 56 V	0	2.08A	± 5%	± 1%	840mV
EA1101xP	130 W	48 ~ 56 V	0	2.70A	± 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. Output Power (W) ≥Vo x Io

EA1101 Series

Electrical Specifications

Input

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current $\leq 2A$
- Inrush Current $\leq 100A$ At cold start
- Efficiency Meet CEC Level V, VI
- Hold Up Time $\geq 8.3mS$
- Turn On Time $\leq 3s$

Output

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

Environmental

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

Safety

- UL/CUL UL60950, TUV/GS EN/IEC 60950, CB, FCC, CCC

Mechanical Specifications

- Case Size: 137L x 59W x 34H(mm)
- AC Inlet: C14, C8, C6
- Weight: 450g

