



80~130W Desktop single power supply < EA1101

AC/DC Desktop Adapter



Features

- 100-240VAC Universal Input
- LED Indicator
- Active PFC Function
- Protections:
 Short circuit / Over voltage / Over current
 Over temperature
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption $\leq 0.21W$ (VI) , $\leq 0.15W$ (Tier II)
- MTBF > 100,000 hours

EA1101 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 (refe 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
EA1101xA	80W	12~16V	0	6.66A	± 5%	± 1%	240mV
EA1101xB	90W	12~16V	0	7.5A	± 5%	± 1%	240mV
EA1101xC	90W	19~24V	0	4.73A	± 5%	± 1%	360mV
EA1101xD	100W	12~16V	0	8.33A	± 5%	± 1%	240mV
EA1101xE	100W	19~24V	0	5.26A	± 5%	± 1%	360mV
EA1101xF	110W	12~16V	0	9.16A	± 5%	± 1%	240mV
EA1101xG	110W	19~24V	0	5.78A	± 5%	± 1%	360mV
EA1101xH	120W	12~16V	0	10A	± 5%	± 1%	240mV
EA1101xM	120W	19~24V	0	6.31A	± 5%	± 1%	360mV
EA1101xN	100W	48~56V	0	2.08A	± 5%	± 1%	840mV
EA1101xP	130W	48~56V	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 $\pm 10\%$ 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: $\leq 2.0A$
- 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: Latch-off
- Over Current Protection: Auto Recovery
- Over Temperature Protection: Latch-off

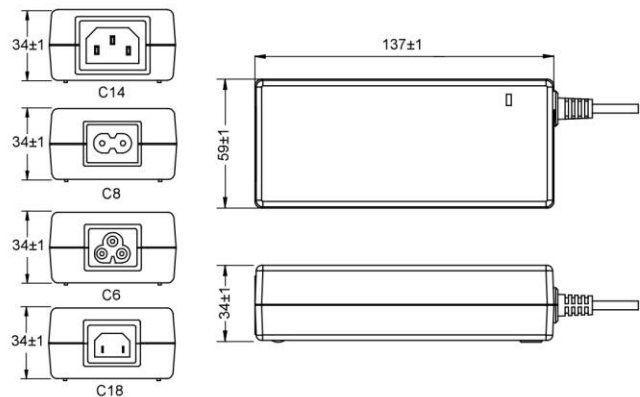
ENVIRONMENT

- 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, NRCAN, Argentina

Mechanical Specification



- Case Size: 137L x 59W x 34H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 450g