

## AC/DC Desktop Adapter



### Features

- Slim Size
- 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 > 50,000 hours

### EA1130 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
EA1130xA	130W	12V~16V	0A	10,83A	±5%	±1%	240mV
EA1130xB	130W	19V~24V	0A	6,84A	±5%	±1%	360mV
EA1130xC	130W	32V~42V	0A	4,06A	±5%	±1%	630mV
EA1130xD	130W	44V~56V	0A	2,95A	±5%	±1%	840mV
EA1130xE	140W	12V~16V	0A	11,66A	±5%	±1%	240mV
EA1130xF	140W	19V~24V	0A	7,36A	±5%	±1%	360mV
EA1130xG	140W	32V~42V	0A	4,37A	±5%	±1%	630mV
EA1130xH	140W	44V~56V	0A	3,18A	±5%	±1%	840mV
EA1130xJ	150W	12V~16V	0A	12,5A	±5%	±1%	240mV
EA1130xK	150W	19V~24V	0A	7,89A	±5%	±1%	360mV
EA1130xL	150W	32V~42V	0A	4,68A	±5%	±1%	630mV
EA1130xM	150W	44V~56V	0A	3,4A	±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: 2.5A
- Inrush Current: 80A/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

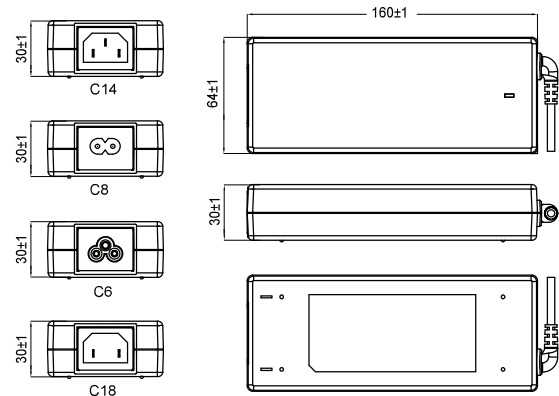
#### ENVIRONMENT

- 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 60950-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE
- Certified for assigned models: CCC, BSMI, PSE, RCM, KC, NRCAN

### Mechanical Specification



- Case Size: 160L x 64W x 30H (mm)
- AC inlet: C14, C8, C6, C18
- Weight: 620g