

## EA1130 Series

# AC/DC Desktop Adapter 130 ~ 250 Watts Max.

- Slim Size
- 100-240 VAC 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  $\leq 0.21\text{W}$  (VI),  $\leq 0.15\text{W}$
- MTBF > 50,000 hours



### EA1130 X Y - vv PP

x: AC inlet: 1. C14 2. C8 3. C6 4. 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)

### Electrical Specifications

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	$\pm 5\%$	$\pm 1\%$	240mV
EA1130xB	130W	19V-24V	0A	6.84A	$\pm 5\%$	$\pm 1\%$	360mV
EA1130xC	130W	32V-42V	0A	4.06A	$\pm 5\%$	$\pm 1\%$	630mV
EA1130xD	130W	44V-56V	0A	2.95A	$\pm 5\%$	$\pm 1\%$	840mV
EA1130xE	140W	12V-16V	0A	11.66A	$\pm 5\%$	$\pm 1\%$	240mV
EA1130xF	140W	19V-24V	0A	7.36A	$\pm 5\%$	$\pm 1\%$	360mV
EA1130xG	140W	32V-42V	0A	4.37A	$\pm 5\%$	$\pm 1\%$	630mV
EA1130xH	140W	44V-56V	0A	3.18A	$\pm 5\%$	$\pm 1\%$	840mV
EA1130xJ	150W	12V-16V	0A	12.5A	$\pm 5\%$	$\pm 1\%$	240mV
EA1130xK	150W	19V-24V	0A	7.89A	$\pm 5\%$	$\pm 1\%$	360mV
EA1130xL	150W	32V-42V	0A	4.68A	$\pm 5\%$	$\pm 1\%$	630mV
EA1130xM	150W	44V-56V	0A	3.4A	$\pm 5\%$	$\pm 1\%$	840mV

#### NOTE:

1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1 uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.

2 : Une regulation is defined by changing  $\pm 10\%$  of input voltage from nominal line at rated load.

3 : Max. Power (W)  $\geq V_o \times I_o$

## EA1130 Series

### Electrical Specifications

#### Input

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current 2.5A
- Inrush Current 80A/100VAC 120A/230VAC
- Hold Up Time  $\geq 8.3\text{ms}$
- Turn On Time  $\leq 3\text{s}$

#### Output

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

#### Safety

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

### Mechanical Specifications

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

