



240~330W Desktop power supply < EA1330

AC/DC Desktop Adapter



Features

- Slim Size
- 100-240VAC Universal Input
- Protections:
 Short circuit / Over voltage / Over current
 Over Temperature (optional)
- Energy Efficiency Level VI
- No Load Power Consumption $\leq 0.5W$
- MTBF > 100,000 hours

EA1330 X Y - vv PP

- X : AC inlet : 1: C14
- Y : Output Range
- vv : Specified output voltage , i.e. , 12 is 12VDC
- PP : DC plug type ,i.e. Code 01 for 5.5*2.1mm or other option (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
EA1330XA	240	12~16V	0A	20.00	$\pm 5\%$	$\pm 1\%$	$\pm 2\%$
EA1330XB		19~24V		12.63			
EA1330XC		32~42V		7.50			
EA1330XD		48~56V		5.00			
EA1330XE	270	12~16V	0A	22.50	$\pm 5\%$	$\pm 1\%$	$\pm 2\%$
EA1330XF		19~24V		14.21			
EA1330XG		32~42V		8.43			
EA1330XH		48~56V		5.62			
EA1330XJ	300	12~16V	0A	25.00	$\pm 5\%$	$\pm 1\%$	$\pm 2\%$
EA1330XK		19~24V		15.78			
EA1330XL		32~42V		9.37			
EA1330XM		48~56V		6.25			
EA1330XN	330	19~24V	0A	17.36	$\pm 5\%$	$\pm 1\%$	$\pm 2\%$
EA1330XP		32~42V		10.31			
EA1330XQ		48~56V		6.87			

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 5.0A-2.5A
- Inrush Current $\leq 180A$ at 230 Vac
- Hold UP Time $\geq 8.3ms$
- Turn On Time $\leq 3s$

OUTPUT

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

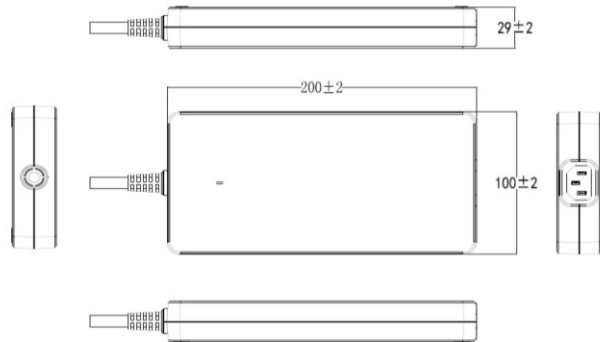
ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Operating Humidity 10% to 90 %
- Storage Humidity 5% to 90 %

SAFETY

- Certified for whole series: UL/cUL 62368-1, TUV EN 62368-1, CB IEC62368-1, FCC, CE

Mechanical Specification



- Case Size: 200L x 100W x 29H (mm)
- AC Inlet: C14
- Weight: 1.2 kg