

## 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
- No Load Power Consumption  $\leq 0.21W$  (VI)
- MTBF > 100,000 hours

### EA1232 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
EA1232xA	180W	12-18V	0A	15A	$\pm 5\%$	$\pm 1\%$	240mV
EA1232xB	180W	19-24V	0A	9.47A	$\pm 5\%$	$\pm 1\%$	360mV
EA1232xC	180W	32-42V	0A	5.625A	$\pm 5\%$	$\pm 1\%$	630mV
EA1232xD	180W	44-56V	0A	4.09A	$\pm 5\%$	$\pm 1\%$	840mV
EA1232xE	200W	12-18V	0A	16.66A	$\pm 5\%$	$\pm 1\%$	240mV
EA1232xF	200W	19-24V	0A	10.52A	$\pm 5\%$	$\pm 1\%$	360mV
EA1232xG	200W	32-42V	0A	6.25A	$\pm 5\%$	$\pm 1\%$	630mV
EA1232xH	200W	44-56V	0A	4.54A	$\pm 5\%$	$\pm 1\%$	840mV
EA1232xJ	210W	12-18V	0A	17.5A	$\pm 5\%$	$\pm 1\%$	240mV
EA1232xK	220W	19-24V	0A	11.57A	$\pm 5\%$	$\pm 1\%$	360mV
EA1232xL	220W	32-42V	0A	6.87A	$\pm 5\%$	$\pm 1\%$	630mV
EA1232xM	220W	44-56V	0A	5A	$\pm 5\%$	$\pm 1\%$	840mV
EA1232xN	230W	19-24V	0A	12.1A	$\pm 5\%$	$\pm 1\%$	360mV
EA1232xP	230W	32-42V	0A	7.18A	$\pm 5\%$	$\pm 1\%$	630mV
EA1232xQ	230W	44-56V	0A	5.22A	$\pm 5\%$	$\pm 1\%$	840mV
EA1232xR	250W	32-42V	0A	7.81A	$\pm 5\%$	$\pm 1\%$	630mV
EA1232xS	250W	44-56V	0A	5.68A	$\pm 5\%$	$\pm 1\%$	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:  $\leq 2.5A$
- Inrush Current:  $\leq 100A/230VAC$
- 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

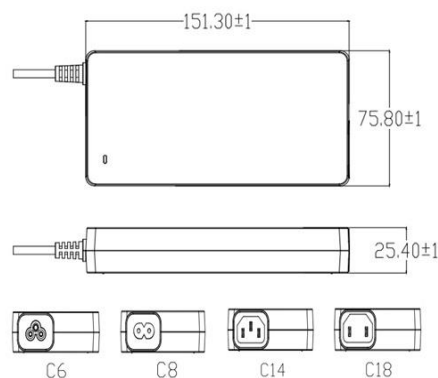
#### ENVIRONMENTAL

- Operating Temperature: 0 to 35°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90 %
- Storage Humidity: 5% to 90 %

#### SAFETY

- Complied with UL/cUL 62368-1, TUV EN62368-1, CB IEC62368-1, FCC, CE

### Mechanical Specification



- Case Size: 151.3L x 75.8H x 25.4H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 400g