

## AC/DC Desktop Adaptor



### Features

- Slim Size
- 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

### EA1232 X Y - v v 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)

### General Specification

#### OUTPUT

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	5.62A	$\pm 5\%$	$\pm 1\%$	630mV
EA1232XD	180W	44~56V	0A	4.09A	$\pm 5\%$	$\pm 1\%$	840mV
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
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

#### 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)  $\geq V_o \times I_o$

#### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current  $\leq 3.5A$
- Inrush Current  $\leq 100A/230VAC$
- Hold Up Time  $\geq 8.3ms$
- Turn On Time  $\leq 3s$

#### PROTECTION

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

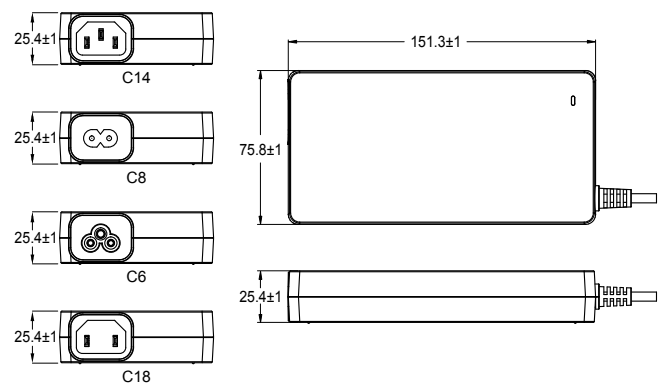
#### ENVIRONMENT

- Operating Temperature -20 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 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), UKGA

#### MECHANICAL



- Case Size: 151.3L x 75.8W x 25.4H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 500g