



150~160W Desktop single power supply < EA1152

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

EA1152 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.	MAX.	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
			LOAD (Io)	LOAD (Io)			
EA1152xA	150W	12~18V	0A	12.5A	$\pm 5\%$	$\pm 1\%$	270mV
EA1152xB	150W	19~24V	0A	7.89A	$\pm 5\%$	$\pm 1\%$	360mV
EA1152xC	150W	32~42V	0A	4.68A	$\pm 5\%$	$\pm 1\%$	630mV
EA1152xD	150W	44~56V	0A	3.4A	$\pm 5\%$	$\pm 1\%$	840mV
EA1152xE	160W	32~42V	0A	5A	$\pm 5\%$	$\pm 1\%$	630mV
EA1152xF	160W	44~56V	0A	3.63A	$\pm 5\%$	$\pm 1\%$	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: 60A/100VAC 120A/230VAC
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

OUTPUT

- Short Circuit Protection: Auto Recovery
- Over Voltage Protection: Auto Recovery
- Over Current Protection: Auto Recovery
- Over Temperature Protection (optional): Auto Recovery

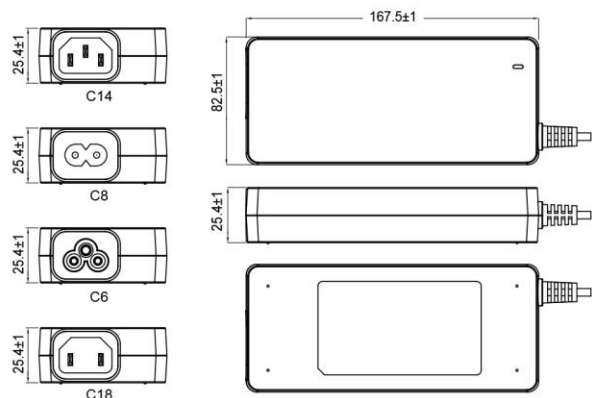
ENVIRONMENT

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

SAFETY

- Complied with UL/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE

Mechanical Specification



- Case Size: 167.5L x 82.5W x 25.4H (mm)
- AC inlet: C14, C8, C6, C18
- Weight: 500g