

AC/DC Desktop Adaptor



Features

- Slim Size
- 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

EA1153 X Y - vv PP

- X:** AC inlet: 2. C8 3. C6
- 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
EA1153XA	135W	12~15V	0A	11.25A	$\pm 5\%$	$\pm 1\%$	150mV
EA1153XB	135W	19~24V	0A	7.1A	$\pm 5\%$	$\pm 1\%$	240mV
EA1153XC	135W	28~36V	0A	4.82A	$\pm 5\%$	$\pm 1\%$	360mV
EA1153XD	135W	48~56V	0A	2.81A	$\pm 5\%$	$\pm 1\%$	560mV
EA1153XE	150W	19~24V	0A	7.89A	$\pm 5\%$	$\pm 1\%$	240mV
EA1153XF	150W	28~36V	0A	5.35A	$\pm 5\%$	$\pm 1\%$	360mV
EA1153XG	150W	48~56V	0A	3.12A	$\pm 5\%$	$\pm 1\%$	560mV

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 60 Hz
- Input Current: $\leq 2.5A$
- 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

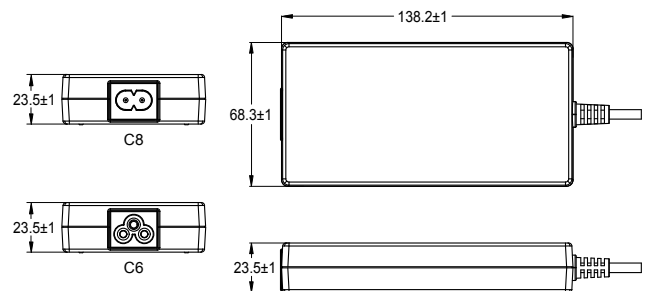
ENVIRONMENT

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

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), UKCA

MECHANICAL



- Case Size: 138.2L x 68.3W x 23.5H (mm)
- AC Inlet: C8, C6
- Weight: 460g