

AC/DC Desktop Adaptor



Features

- Slim Size
- LED Indicator (optional)
- LPS Compliance
- Protections:
Short circuit / Over voltage / Over current
Over temperature
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption $\leq 0.1\text{W}$ (VI), $\leq 0.075\text{W}$ (Tier II)
- MTBF > 100,000 hours

EA1044 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
EA1044XA	25W	5~9V	0A	5A	$\pm 5\%$	$\pm 1\%$	130mV
EA1044XB	36W	9V	0A	4A	$\pm 5\%$	$\pm 1\%$	130mV
EA1044XC	45W	12~16V	0A	3.75A	$\pm 5\%$	$\pm 1\%$	180mV
EA1044XD	40W	12~16V	0A	3.33A	$\pm 5\%$	$\pm 1\%$	180mV
EA1044XE	35W	12~16V	0A	2.91A	$\pm 5\%$	$\pm 1\%$	180mV
EA1044XF	45W	18~24V	0A	2.5A	$\pm 5\%$	$\pm 1\%$	250mV
EA1044XG	40W	18~24V	0A	2.22A	$\pm 5\%$	$\pm 1\%$	250mV
EA1044XH	35W	18~24V	0A	1.94A	$\pm 5\%$	$\pm 1\%$	250mV
EA1044XJ	48W	32~42V	0A	1.5A	$\pm 5\%$	$\pm 1\%$	350mV
EA1044XK	40W	32~42V	0A	1.25A	$\pm 5\%$	$\pm 1\%$	350mV
EA1044XM	48W	44~48V	0A	1.09A	$\pm 5\%$	$\pm 1\%$	480mV
EA1044XN	40W	44~48V	0A	0.9A	$\pm 5\%$	$\pm 1\%$	480mV

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 $\leq 1\text{A}$
- Inrush Current $\leq 120\text{A}/230\text{VAC}$
- Hold Up Time $\geq 8.3\text{ms}$
- Turn On Time $\leq 3\text{s}$

PROTECTION

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

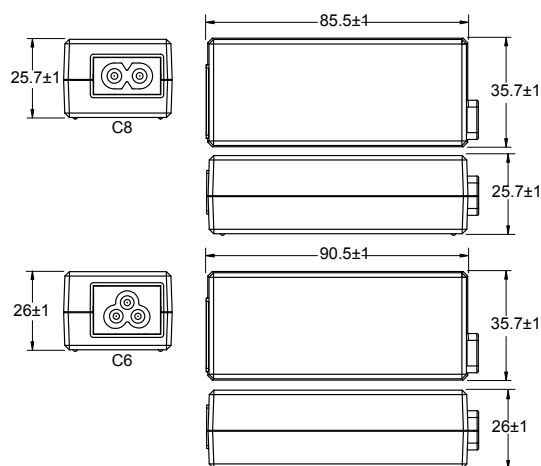
ENVIRONMENT

- 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), CCC, UKCA
- Certified for assigned models: BSMI, BIS, RCM, KC, CU, PSB, NRCAN, Argentina

MECHANICAL



- Case Size: 85.5L x 35.7W x 25.7H (mm) for AC inlet C8
90.5L x 35.7W x 26.0H (mm) for AC inlet C6
- AC Inlet: C8, C6
- Weight: 160g