



25~48W Desktop single power supply < EA1044

AC/DC Desktop Adapter



Features

- Slim Size
- 100-240VAC Universal Input
- 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 $\leq 0.1W$ (VI), $\leq 0.075W$ (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)

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1044xA	25W	5V~9V	0A	5A	±5%	±1%	130mV
EA1044xB	36W	9V	0A	4A	±5%	±1%	130mV
EA1044xC	45W	12V~16V	0A	3.75A	±5%	±1%	180mV
EA1044xD	40W	12V~16V	0A	3.33A	±5%	±1%	180mV
EA1044xE	35W	12V~16V	0A	2.91A	±5%	±1%	180mV
EA1044xF	45W	18V~24V	0A	2.5A	±5%	±1%	250mV
EA1044xG	40W	18V~24V	0A	2.22A	±5%	±1%	250mV
EA1044xH	35W	18V~24V	0A	1.94A	±5%	±1%	250mV
EA1044xJ	48W	32V~42V	0A	1.50A	±5%	±1%	350mV
EA1044xK	40W	32V~42V	0A	1.25A	±5%	±1%	350mV
EA1044xM	48W	44V~48V	0A	1.09A	±5%	±1%	480mV
EA1044xN	40W	44V~48V	0A	0.90A	±5%	±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 ±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: $\leq 1.0A$
- 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: Latch-off
- Over Current Protection: Auto Recovery
- Over Temperature Protection: Latch-off

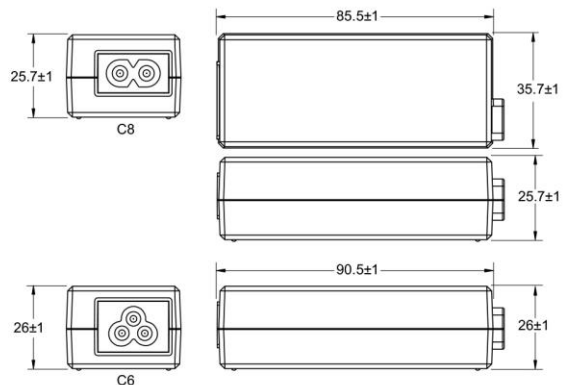
ENVIRONMENT

- Operating Temperature: 0 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/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE
- Certified for assigned models: CCC, BSMI, RCM, KC, BIS, CU, PSB, Argentina

Mechanical Specification



- 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