

# AC/DC Desktop Adapter

## 25 ~ 48 W Max.

- 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  $\leq 0.1$  W (VI) ,  $\leq 0.075$  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 5.5x2.1 mm

### **Electrical Specifications**

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	$\pm 5\%$	$\pm 1\%$	130mV
EA1044xB	36W	9V	0A	4A	$\pm 5\%$	$\pm 1\%$	130mV
EA1044xC	45W	12V~16V	0A	3.75A	$\pm 5\%$	$\pm 1\%$	180mV
EA1044xD	40W	12V~16V	0A	3.33A	$\pm 5\%$	$\pm 1\%$	180mV
EA1044xE	35W	12V~16V	0A	2.91A	$\pm 5\%$	$\pm 1\%$	180mV
EA1044xF	45W	18V~24V	0A	2.5A	$\pm 5\%$	$\pm 1\%$	250mV
EA1044xG	40W	18V~24V	0A	2.22A	$\pm 5\%$	$\pm 1\%$	250mV
EA1044xH	35W	18V~24V	0A	1.94A	$\pm 5\%$	$\pm 1\%$	250mV
EA1044xJ	48W	32V~42V	0A	1.50A	$\pm 5\%$	$\pm 1\%$	350mV
EA1044xK	40W	32V~42V	0A	1.25A	$\pm 5\%$	$\pm 1\%$	350mV
EA1044xL	48W	44V~48V	0A	1.09A	$\pm 5\%$	$\pm 1\%$	480mV
EA1044xM	40W	44V~48V	0A	0.90A	$\pm 5\%$	$\pm 1\%$	480mV

#### NOTE:

1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1 uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.

2 : Une 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 Specifications

### 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  $\leq 3s$

### Environment

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

### Output

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

### Safety

- Certified for whole series: UUCUL 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 Specifications

- Case Size:  
85.5L x 35.7W x 25.7H (mm) for C8 AC Inlet  
90.5L x 35.7W x 26.0H (mm) for C6 AC Inlet
- AC Inlet: C8, C6
- Weight: 1609 $\pm$  1 0g

