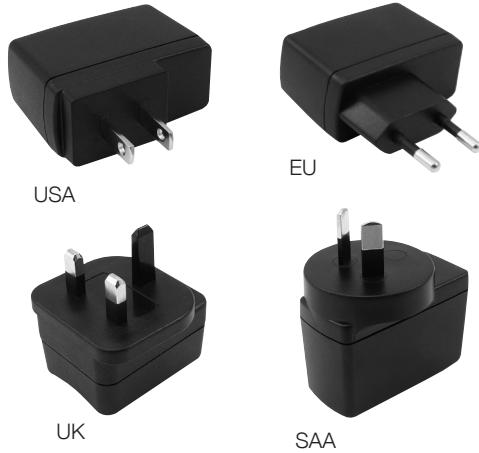


# AC/DC Single Output Wall Mount Type

6Watts Max.

## EA1006 Series



### Features

- CEC Compliance
- RoHS Compliance
- Over Voltage Protective Installation
- Short Circuit Protective Installation
- Protection Type: Auto-Recovery
- MTBF: >30,000 hours

### EA1006 x Y - vv PP

- x:** Output range  
**Y:** AC plug type: • U: USA • E: EU • K: UK • A: SAA  
**vv:** Specified output voltage, ie 12 is 12Vdc  
**PP:** Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

### Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1006EK	6W	4~7V	0	1.2A	+/- 5%	+/- 1%	70mV
EA1006FK	6W	8~12V	0	0.75A	+/- 5%	+/- 1%	150mV
EA1006AA	6W	4~7V	0	1.2A	+/- 5%	+/- 1%	70mV
EA1006BA	6W	8~12V	0	0.75A	+/- 5%	+/- 1%	150mV
EA1006AU	6W	4~7V	0	1.2A	+/- 5%	+/- 1%	70mV
EA1006BU	6W	8~12V	0	0.75A	+/- 5%	+/- 1%	150mV
EA1006AE	6W	4~7V	0	1.2A	+/- 5%	+/- 1%	70mV
EA1006BE	6W	8~12V	0	0.75A	+/- 5%	+/- 1%	150mV

#### 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. Output Power (W)  $\geq V_o \times I_o$

### Electrical Specifications

#### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current  $\leq 0.5A$
- Inrush Current  $\leq 50A$
- Efficiency 66% Min.
- Hold Up Time  $\geq 8.3mS$
- Turn On Time  $\leq 3s$

#### OUTPUT

- Over Voltage Protection Auto Recovery
- Short Circuit Protection Auto Recovery

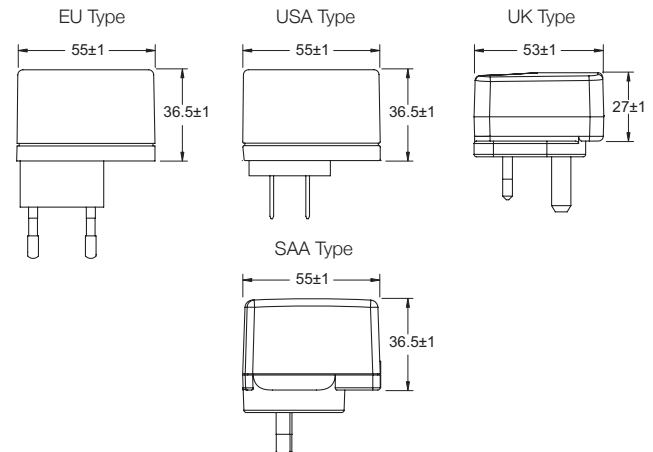
#### ENVIRONMENTAL

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

#### SAFETY

- UL/CUL UL60950, TUV/GS EN/IEC 60950 CB, FCC, CE

### Mechanical Specification



- Case Size: K: 53Lx41Wx27H (mm)  
A, U, E: 55Lx25Wx36.5H (mm)
- AC Plug: K: UK pin A: SAA pin U: USA pin E: EU pin
- Weight: 70g

Certificates listed are for reference only. Please contact our sales department for details.