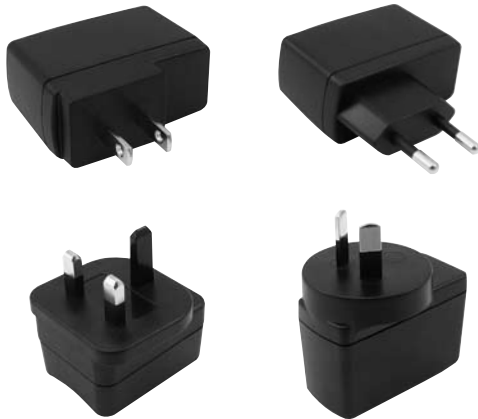


EA1006 Series



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 ±10% of input voltage from nominal line at rated load.

3 : Max. Output Power (W) ≥Vo x Io

Electrical Specifications

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current ≤0.5A
- Inrush Current ≤50A At cold start
- Efficiency 66% Min.
- Hold Up Time ≥8.3mS
- Turn On Time ≤3s

OUTPUT

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

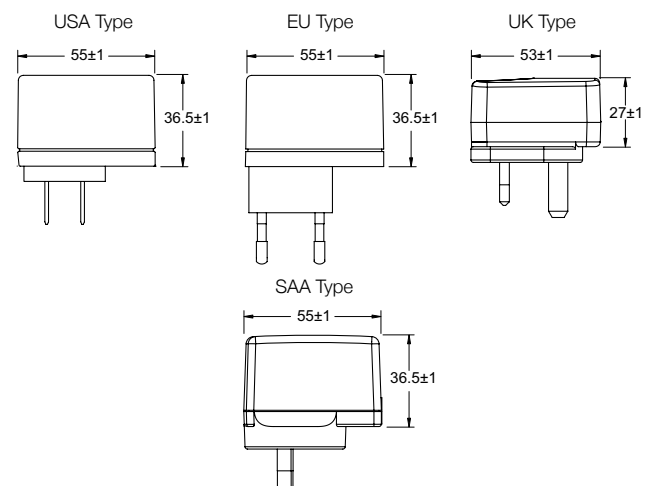
ENVIRONMENTAL

- 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: U: USA, E: EU, K: UK, A: SAA
- Weight: 70g