

# EA1005 Series

AC/DC Single Output Interchangeable Plug  
• 6Watts Max.



## Features

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

## EA1005 X Y Z T-vv PP

- x:** Output range  
**Y:** Case type (V) Vertical enclosure dimension  
**Z:** AC plug type: R Interchangeable contain plug  
 • U: USA • C: China • E: EU • K: UK • A: SAA  
 • S: South Africa  
**T:** Output type U (USB), S (SR)  
**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
EA1005A	6W	5~8V	0A	1.2A	± 5%	± 1%	100mV
EA1005B	6W	9~12V	0A	0.66A	± 5%	± 1%	180mV
EA1005C	4.5W	9V	0A	0.5A	± 5%	± 1%	180mV
EA1005D	6W	9V	0A	0.67A	± 5%	± 1%	180mV

### 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) = Vo x Io

## Electrical Specifications

### INPUT

- Input Range 100 to 240VAC
- Frequency 50 to 60Hz
- Input Current ≤1.0A
- Inrush Current ≤60A
- Efficiency Meet CEC Level VI (DoE), CoC Tier 2
- Hold Up Time ≥8.3mS
- Turn On Time ≤3S

### OUTPUT

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

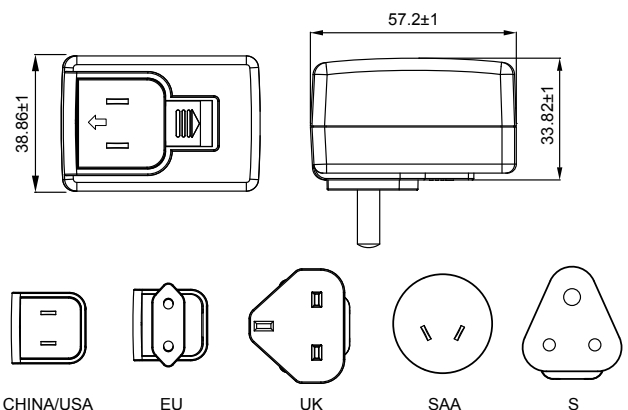
### ENVIRONMENTAL

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

### SAFETY

- UL/cUL, TUV, CB, CE, FCC, CCC

## Mechanical Specification



- Case Size: 57.2L x 38.86W x 33.82H (mm)
- AC Plug: • U: USA pin • C: CHINA pin • E: EU • K: UK  
• A: SAA • S: South Africa
- Weight: 70g