

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

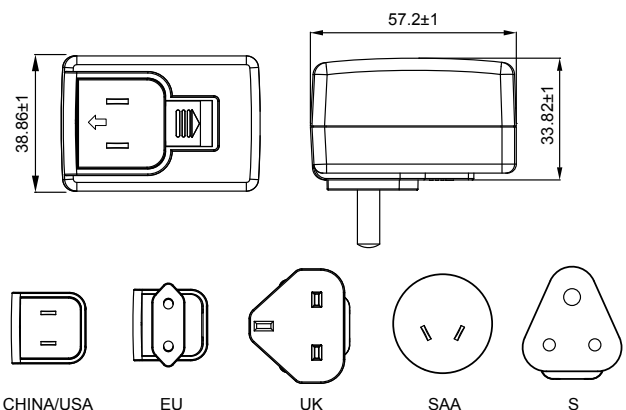
ENVIRONMENTAL

- 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