AC/DC Interchangeable Adaptor

Features

- LPS Compliance
- Protections:
  Short circuit / Over voltage / Over current
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption ≤ 0.1W (VI), ≤ 0.075W (Tier II)
- MTBF > 100,000 hours

EA1005 X Y R T - vv PP

X: Output range
Y: Case type: (V)Vertical
R: Interchangeable AC plug:
• U: USA • E: EU • K: UK • A: SAA • C: China
• S: South Africa • B: Korea • I: India
T: Output type: U (USB) or S (SR)
vv: Specified output voltage, i.e. 12 is 12VDC
PP: DC plug type, i.e. Code 01 for 5.5x2.1mm
or other options (refer to the appendix page)

General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1005AVRT	6W	5~8V	0A	1.2A	± 5%	± 1%	100mV
EA1005BVRT	6W	9~12V	0A	0.66A	± 5%	± 1%	180mV
EA1005CVRT	4.5W	9V	0A	0.5A	± 5%	± 1%	180mV
EA1005DVRT	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

INPUT

• Input Range	100 to 240 VAC
• Frequency	50 to 60Hz
• Input Current	≤ 0.6A
• Inrush Current	≤ 60A/230VAC
• Hold Up Time	≥ 8.3ms
• Turn On Time	≤ 5s

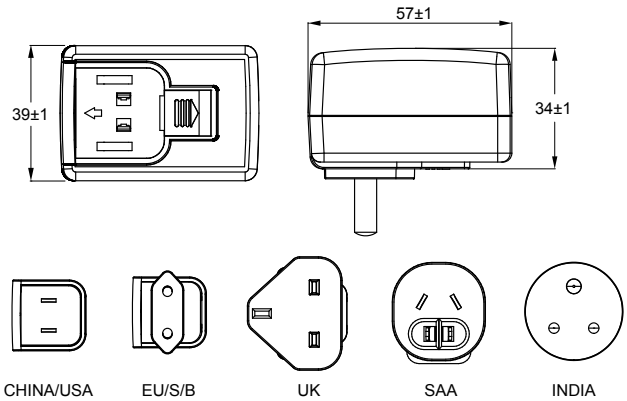
PROTECTION

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

ENVIRONMENT

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

MECHANICAL



- Case Size: 57L x 39W x 34H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA, C: China
  S: South Africa, B: Korea, I: India
- Weight: 70g

SAFETY

- Certified for whole series: UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), CCC, BSMI, UKCA