



4.5~6W Wall Mount power supply > EA1012

Features

- 100-240VAC Universal Input
- Protections :
 Short circuit / Over voltage / Over current
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption $\leq 0.1W$ (VI), $\leq 0.075W$ (Tier II)
- MTBF > 100,000 hours

EA1005 X Y Z T - vv PP

- X:** Output range
- Y:** Case type: (V)Vertical or (H)Horizontal
- Z:** AC plug type: • U: USA • E: EU • K: UK
- 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)

Vertical (USB & SR Type)



Horizontal (USB & SR Type)



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	$\pm 5\%$	$\pm 1\%$	100mV
EA1005B	6W	9~12V	0A	0.66A	$\pm 5\%$	$\pm 1\%$	180mV
EA1005C	4.5W	9V	0A	0.5A	$\pm 5\%$	$\pm 1\%$	180mV
EA1005D	6W	9V	0A	0.67A	$\pm 5\%$	$\pm 1\%$	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 $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

Electrical Specification

INPUT

- Input Range: 100 to 240 VAC
- Frequency: 50 to 60Hz
- Input Current: $\leq 0.6A$
- Inrush Current: 30A/100VAC 60A/230VAC
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

OUTPUT

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

ENVIRONMENT

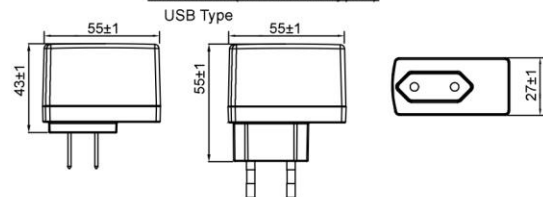
- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

SAFETY

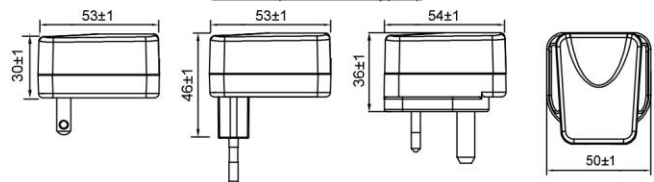
- Certified for whole series: UL/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE
- Certified for assigned models: CCC, BSMI

Mechanical Specification

Horizontal (USB & SR Types)



Vertical (USB & SR Types)



- Case Size: Horizontal: USB: 55L x 27W x 55H (mm)
 SR: 55L x 25W x 55H (mm)
 Vertical: USA, EU: 53L x 41W x 46H (mm)
 UK: 54L x 50W x 36H (mm)
- AC Plug: U: USA, E: EU, K: UK
- Weight: 70g