



20~36W Travel Power Supply > EA1026

Features

- 100-240VAC Universal Input
- LPS Compliance
- 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



EA1026 X R - vv PP

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

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1026GR	20W	12~17V	0A	1.66A	$\pm 5\%$	$\pm 1\%$	250mV
EA1026HR	30W	12~17V	0A	2.5A	$\pm 5\%$	$\pm 1\%$	250mV
EA1026JR	24W	18~24V	0A	1.33A	$\pm 5\%$	$\pm 1\%$	350mV
EA1026KR	30W	18~24V	0A	1.66A	$\pm 5\%$	$\pm 1\%$	350mV
EA1026QR	24W	12V	0A	2.0A	$\pm 5\%$	$\pm 1\%$	250mV
EA1026RR	36W	24V	0A	1.5A	$\pm 5\%$	$\pm 1\%$	350mV

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: $\leq 1.0A$
- Inrush Current: 30A/100VAC 60A/230VAC
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

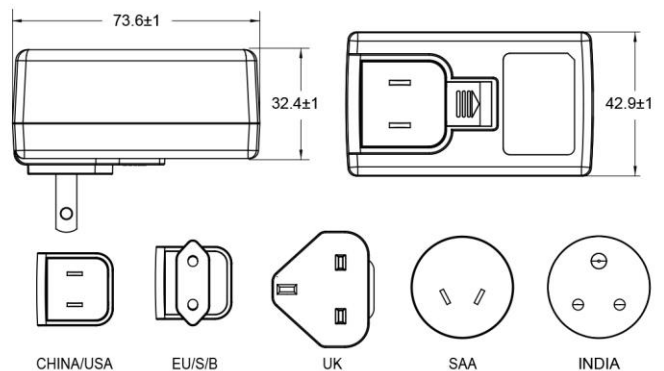
OUTPUT

- 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%

Mechanical Specification



- Case Size: 73.6L x 42.9W x 32.4H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA, C: China
 S: South Africa, B: Korea, I: India
- Weight: 200g

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, PSE, RCM, KC, BIS, CU, PSB, NRCAN