



### Features

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

### EA1024 x R - vv PP

- x:** Output range
- R:** Interchangeable AC plug:
  - U: USA • C: China • E: EU • K: UK • A: SAA • S: South Africa
- 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
EA1024AR	16W	5~8V	0A	2.0A	± 5%	± 1%	100mV
EA1024BR	20W	5~8V	0A	3.0A	± 5%	± 1%	100mV
EA1024CR	24W	5~8V	0A	4.0A	± 5%	± 1%	100mV
EA1024DR	18W	9~11V	0A	1.5A	± 5%	± 1%	250mV
EA1024ER	24W	9~11V	0A	2.0A	± 5%	± 1%	250mV
EA1024FR	27W	9~11V	0A	3.0A	± 5%	± 1%	250mV
EA1024GR	20W	12~17V	0A	1.66A	± 5%	± 1%	250mV
EA1024HR	30W	12~17V	0A	2.5A	± 5%	± 1%	250mV
EA1024JR	24W	18~24V	0A	1.33A	± 5%	± 1%	350mV
EA1024KR	30W	18~24V	0A	1.66A	± 5%	± 1%	350mV
EA1024MR	20W	36~48V	0A	0.55A	± 5%	± 1%	480mV
EA1024NR	30W	36~48V	0A	0.83A	± 5%	± 1%	480mV
EA1024PR	36W	12V	0A	3.0A	± 5%	± 1%	250mV
EA1024QR	24W	12V	0A	2.0A	± 5%	± 1%	250mV
EA1024RR	36W	24V	0A	1.5A	± 5%	± 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 ±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: ≤1A
- Inrush Current: ≤60A At cold start
- Efficiency: Meet CEC Level VI (DoE), CoC Tier 2
- Hold Up Time: ≥8.3mS
- Turn On Time: ≤3S

#### OUTPUT

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

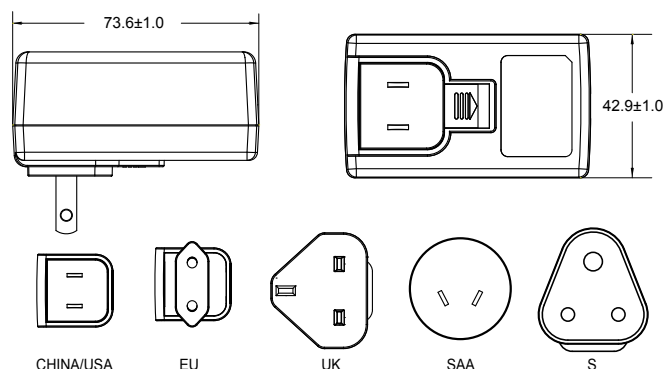
#### ENVIRONMENTAL

- 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: 73.6L x 42.9W x 32.4H (mm)
- AC Plug: U: USA, C: CHINA, E: EU, K: UK, A: SAA, S: South Africa
- Weight: 600g