

# EA1019 Series

AC/DC Single Output Interchangeable Plug  
• 15~24Watts Max.



## Features

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

## EA1019 X Y R T- vv PP

x: Output range

Y: Case type V (Vertical)

R: AC Plug type: • U: USA • E: EU • K: UK • A: SAA • C: CHINA

T: Output type: • S (SR)

vv: Specified output voltage, ie 24 is 24Vdc

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
EA1019AVRS	15W	5-8V	0A	3.0A	±5%	±1%	100mV
EA1019BVRS	20W	9-13V	0A	2.0A	±5%	±1%	180mV
EA1019CVRS	20W	14-19V	0A	1.42A	±5%	±1%	200mV
EA1019DVRS	20W	20-27V	0A	1.0A	±5%	±1%	250mV
EA1019EVRS	20W	28-35V	0A	0.71A	±5%	±1%	280mV
EA1019FVRS	20W	36-48V	0A	0.55A	±5%	±1%	360mV
EA1019GVRS	18W	5-8V	0A	3.0A	±5%	±1%	100mV
EA1019HVRS	24W	9-13V	0A	2.0A	±5%	±1%	180mV
EA1019JVRS	24W	14-19V	0A	1.71A	±5%	±1%	200mV
EA1019KVRS	24W	20-27V	0A	1.2A	±5%	±1%	250mV
EA1019MVRS	24W	28-35V	0A	0.85A	±5%	±1%	280mV
EA1019NVRS	24W	36-48V	0A	0.66A	±5%	±1%	360mV

### 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. Output Power (W) ≥Vo x Io

## Electrical Specifications

### INPUT

- Input Range 100Vac to 240 VAC
- Input Current ≤0.8A
- Inrush Current ≤80A at 230 Vac At cold start, maximum load
- Turn On Time ≤3s

### OUTPUT

- Over Voltage Protection Auto Recovery
- Short Circuit Protection Auto Recovery
- Over Current Protection Auto Recovery
- Efficiency Meet CEC Level VI (DoE), CoC Tier 2
- No Load power ≤0.1W

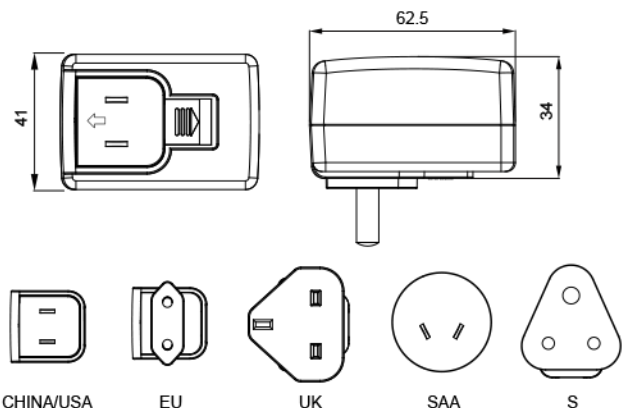
### ENVIRONMENTAL

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

### SAFETY

- UL/cUL, TUV, CB, CE, FCC, CCC

## Mechanical Specification



- Case Size: 62.5L x 41W x 34H (mm)
- AC Plug: U: USA, C: CHINA, E: EU, K: UK, A: SAA, S: South Africa
- Weight: 150g