



Features

- Wide Input Range
- RoHS Compliance
- Over Voltage Protective Installation
- Over Current Protective Installation
- Over Temperature Protective Installation
- Short Circuit Protective Installation
- LED Indication
- MTBF > 100,000 hours

EA1045 x R

x: Output range

R: Interchangeable AC plug:

• U: USA • C: China • E: EU • K: UK • A: SAA • S: South Africa

Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1045AR	30W	5V	0A	3.0A	± 5%	± 1%	100mV
		9V	0A	3.0A			180mV
		15V	0A	2.0A			300mV
		20V	0A	1.5A			360mV
EA1045BR	36W	5V	0A	3.0A			100mV
		9V	0A	3.0A			180mV
		15V	0A	2.4A			300mV
		20V	0A	1.8A			360mV
EA1045CR	45W	5V	0A	3.0A			100mV
		9V	0A	3.0A			180mV
		15V	0A	3.0A			300mV
		20V	0A	2.25A			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. Power (W) = Vo x Io

Electrical Specifications

INPUT

- Input Range: 100 to 240 VAC
- Frequency: 50 to 60Hz
- Input Current: ≤1.5A
- Inrush Current: ≤80A At cold start
- Efficiency: Meet CEC Level VI (DoE)
- Hold Up Time: ≥8.3mS
- Turn On Time: ≤3S

OUTPUT

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

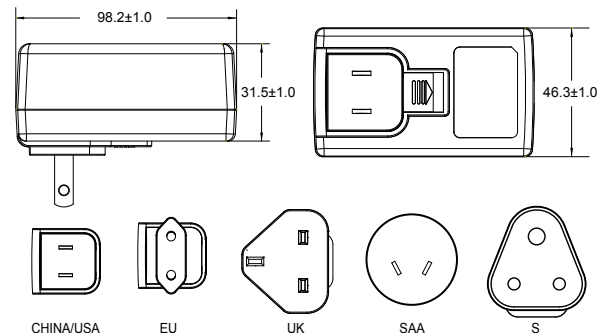
ENVIRONMENTAL

- 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: 98.2L x 46.3W x 31.5H (mm)
- AC Plug: U: USA, C: CHINA, E: EU, K: UK, A: SAA, S: South Africa
- Weight: 200g