

# EA1045 Series

AC/DC Single Output Interchangeable Plug Type (USB Type C)  
 • 45Watts



## 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 R

**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
EA1045R	45W	5V	0A	3A	± 5%	± 1%	100mV
		9V	0A	3A			180mV
		15V	0A	3A			300mV
		20V	0A	2.25A			300mV

**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 ≤1.0A
- Inrush Current ≤80A At cold start
- Efficiency Meet DOE Level VI
- 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

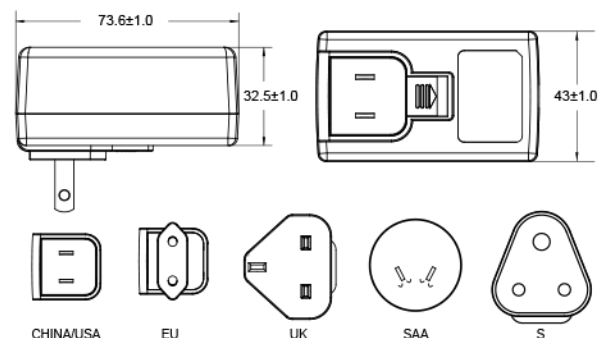
**ENVIRONMENTAL**

- 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: 73.6L x 43W x 32.5H (mm)
- AC Plug: U: USA, C: CHINA, E: EU, K: UK, A: SAA, S: South Africa
- Weight: 200g