



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	±5%	±1%	180mV
		15V	0A	2.0A	±5%	±1%	300mV
		20V	0A	1.5A	±5%	±1%	360mV
EA1045BR	36W	5V	0A	3.0A	±5%	±1%	100mV
		9V	0A	3.0A	±5%	±1%	180mV
		15V	0A	2.4A	±5%	±1%	300mV
		20V	0A	1.8A	±5%	±1%	360mV
EA1045CR	45W	5V	0A	3.0A	±5%	±1%	100mV
		9V	0A	3.0A	±5%	±1%	180mV
		15V	0A	3.0A	±5%	±1%	300mV
		20V	0A	2.25A	±5%	±1%	360mV
EA1045DR	30W	5V	0A	3.0A	±5%	±1%	100mV
		9V	0A	3.0A	±5%	±1%	180mV
		12V	0A	2.5A	±5%	±1%	200mV
		15V	0A	2.0A	±5%	±1%	300mV
EA1045ER	36W	20V	0A	1.5A	±5%	±1%	360mV
		5V	0A	3.0A	±5%	±1%	100mV
		9V	0A	3.0A	±5%	±1%	180mV
		12V	0A	3.0A	±5%	±1%	200mV
		15V	0A	2.4A	±5%	±1%	300mV
EA1045FR	45W	20V	0A	1.8A	±5%	±1%	360mV
		5V	0A	3.0A	±5%	±1%	100mV
		9V	0A	3.0A	±5%	±1%	180mV
		12V	0A	3.0A	±5%	±1%	200mV
		15V	0A	3.0A	±5%	±1%	300mV
		20V	0A	2.25A	±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. 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

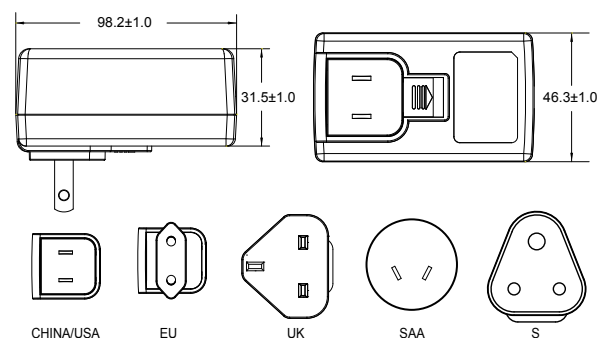
ENVIRONMENTAL

- 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