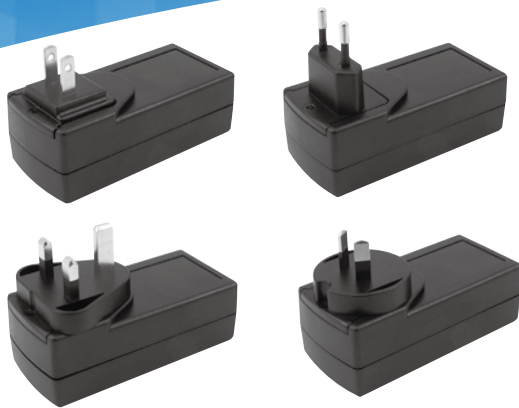


EA1045 Series

AC/DC Single Output Wall Mount Type (USB Type C)

• 30~45Watts Max.



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 Y

x: Output range

Y: AC plug type:

- U: USA • E: EU • K: UK • A: SAA

Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1045AY	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
EA1045BY	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
EA1045CY	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
EA1045DY	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
EA1045EY	36W	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
EA1045FY	45W	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

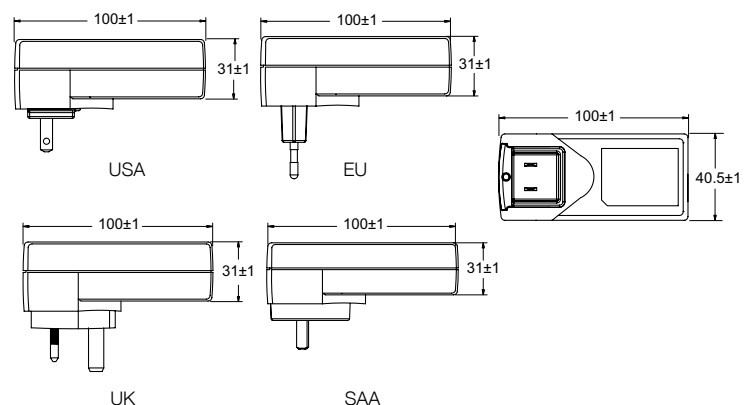
ENVIRONMENTAL

- 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: 100L x 40.5W x 31H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA
- Weight: 220g