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36~48W Travel Power Supply > EA1045S

Features

- 100-240VAC Universal Input
- LED Indicator
- Protections:
 Short circuit / Over voltage / Over current
 Over temperature (optional)
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption $\leq 0.1W$ (VI), $\leq 0.075W$ (Tier II)
- MTBF > 100,000 hours



EA1045S X R - vv PP

- X:** Output range
R: Interchangeable AC plug:
 • U: USA • E: EU • K: UK • A: SAA • C: China
 • S: South Africa • B: Korea • I: India
vv: Specified output voltage, i.e. 12 is 12VDC
PP: DC plug type, i.e. Code 01 for 5.5x2.1mm
 or other options (refer to the appendix page)

| MODEL No. | MAX. OUTPUT POWER (W) | OUTPUT VOLTAGE (Vo) | MIN. LOAD (Io) | MAX. LOAD (Io) | LOAD REGULATION | LINE REGULATION | RIPPLE & NOISE |
|-----------|-----------------------|---------------------|----------------|----------------|-----------------|-----------------|----------------|
| EA1045SDR | 36W | 5~9V | 0A | 5.0A | $\pm 5\%$ | $\pm 1\%$ | 100mV |
| EA1045SER | 45W | 10~17V | 0A | 3.5A | $\pm 5\%$ | $\pm 1\%$ | 240mV |
| EA1045SFR | 45W | 18~26V | 0A | 2.5A | $\pm 5\%$ | $\pm 1\%$ | 360mV |
| EA1045SGR | 45W | 27~40V | 0A | 1.66A | $\pm 5\%$ | $\pm 1\%$ | 560mV |
| EA1045SHR | 48W | 41~56V | 0A | 1.17A | $\pm 5\%$ | $\pm 1\%$ | 640mV |

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 $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

Electrical Specification

INPUT

- Input Range: 100 to 240 VAC
- Frequency: 50 to 60Hz
- Input Current: $\leq 1.5A$
- Inrush Current: 50A/100VAC 100A/230VAC
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

OUTPUT

- Short Circuit Protection: Auto Recovery
- Over Voltage Protection: Auto Recovery
- Over Current Protection: Auto Recovery
- Over Temperature Protection: Auto Recovery or Latch-off (optional)

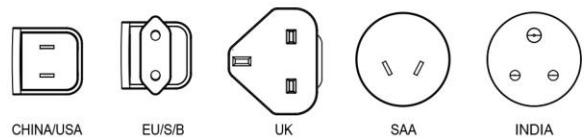
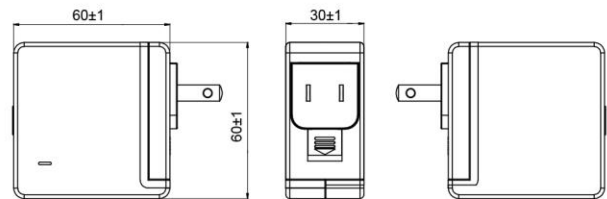
ENVIRONMENT

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

SAFETY

- Certified for whole series: UL/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE
- Certified for assigned models: CCC, BSMI, PSE, CU

Mechanical Specification



- Case Size: 60L x 60W x 30H (mm)
- AC Plug: U: USA, E: EU, K: UK, A: SAA, C: China
 S: South Africa, B: Korea, I: India
- Weight: 190g