

Plug Top Power Adaptors



ESA36 Series Up to 36 Watts Single DC Output

www.powersolve.co.uk

Features

- Meets CEC Requirements
- Universal AC Input
- Conforms to RoHS
- Interchangeable AC Plugs for China, USA, EU, UK, Japan, Australia & Korea
- EMC to EN55022'B', CISPR22 'B' & FCC 'B'
- ITE Safety Approvals



Electrical Specification

INPUT

| | |
|---------------------|------------|
| Input Voltage | 90-264VAC |
| Input Current | 900mA max. |
| Input Frequency | 50-60Hz |
| No Load Input Power | 0.3W max |

OUTPUT

| | |
|--------------------------|-------------------------------------|
| Output Voltage & Current | See table |
| Output Voltage Tolerance | ±5% |
| Output Power | Up to 36 Watts see table for models |
| Output Ripple & Noise | 200mV pk-pk max. |
| Energy Efficiency | Energy Star Level V (V2.0) |
| Output LED Indicator | Green LED |

ENVIRONMENTAL

| | |
|-----------------------|-------------------------|
| Operating Temperature | 0 to 40°C ambient |
| Storage Temperature | -20°C to +60°C |
| Relative Humidity | 5 to 95% non condensing |

GENERAL

| | |
|------|--|
| MTBF | >50,000 hours @ 25°C calculated to MIL-HDBK-217F |
|------|--|

SAFETY

| | |
|------------------|--|
| Safety Approvals | cULus (ITE UL60950), TUV/GS (EN60950), CE mark, CCC (ITE GB4943) |
|------------------|--|

MECHANICAL

| | |
|------------|---------------------------|
| Enclosure | UL94V-1 plastic enclosure |
| Dimensions | 102 x 53 x 36mm |
| Weight | 242g |

Output Voltage & Current Ratings

| MODEL | OUTPUT VOLTAGE | OUTPUT CURRENT | MAX OUTPUT POWER |
|-----------------------------|----------------|----------------|------------------|
| ESA36-09-XX | 9V DC | 3.00A | 27 Watts |
| ESA36-12-XX | 12V DC | 3.00A | 36 Watts |
| ESA36-15-XX | 15V DC | 2.40A | 36 Watts |
| ESA36-18-XX | 18V DC | 2.00A | 36 Watts |
| ESA36-24-XX | 24V DC | 1.50A | 36 Watts |

NOTE:

(XX) in part number denotes output connector type. Standard stock items have 2.1 x 5.5 x 11mm centre positive barrel connector. Therefore part number would be ESA36-15-01.

Other connectors are available which would be a different 2 digit number. Other output voltages available in the range of 9.0V to 24V. consult sales office for details.

AC Connectors:

Unless specified standard stock items will be shipped with UK, EU, USA & Australian connectors, other connectors are available, consult sales office for details.