

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
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SAFETY

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