

FEATURES

- Energy saving compact design
- Energy Efficiency Level VI compliant
- Universal Input
- Regulated output

RS PRO 12V dc CCTV Power Supply, 0 → 2A, 2-Pin IEC Connector

RS Stock No.: 144-0966



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

These CCTV power supplies are 150 W AC-DC (CLASS I), with a Level VI efficiency. Available with IEC 2 Pin (C8)/IEC 3 Pin (C6)/IEC 3 Pin (C14) Inlets.

Our RS Pro line of desk power supplies provides a reliable & robust power supply solution. They come equipped with over voltage, over current & short circuit protection.

General Specifications

Input Connector	C8
Input Plug Type	2-Pin IEC
Output Connection Type	2.1 x 5.5 mm Connector
Number of Outputs	1
Energy Efficiency Level	VI
MTBF	100,000 hours at 25 centigrade degrees.
Cable Length	1800m
Application	Speakers, Chargers, CCTV Cameras, Lamps and Lights

Electrical Specifications

Input Specifications	
Rated Input Voltage	100 to 240V ac
Full Input Voltage Range	90 – 264V ac
Rated Frequency	50/60Hz
Full Frequency Range	47 to 63Hz
Efficiency	86%
Input Current (RMS Max.)	0.8A Max
Inrush Current	50A Max
Input Protection	2 Amps current fuse to protect

Output Specification	
Output Voltage Rating	12V dc
Output Current Range	0A to 2A
Rated output Power	24W
Ripple & Noise (max.)	200mV Max @20MHz
Voltage Tolerance	±10%
Line Regulation	±2.0%
Load Regulation	±1.0%
No Load Power Consumption	<0.1W
Setup, Rise Time	2S Max at 110VAC full load.
Hold Up Time (Typ.)	10 (Minimum)ms
Overload Protection	recovers automatically after fault condition is removed
Over Voltage Protection	Auto recovery
Short Circuit Protection	Yes

Mechanical Specifications

Housing Material	Fully Enclosed Plastic Case
Overall Dimensions	88mm x 45.5mm x 35mm
Overall Length	88mm
Overall Depth	35mm
Overall Width	45.5mm

Operation Environment Specifications

Operating Humidity	10% to 95% RH
Operating Temperature Range	0°C to 40°C
Storage Temperature Range	-20°C to 70°C
Temperature Coefficient	± 0.05% / C

Approvals

Safety Standard	CB, CE, CUL, FCC, SAA, TUV, UL
EMC Emission	Compliance to CISPR 24, EN55032, EN55024, EN61000-3-2, 3

