

Desk Top Low Noise AC/DC Power Adapters



DESCRIPTION

A range of R-TECH 45W and 60W Low Noise AC/DC Power Adapters.

DISTINCTIVE FEATURES

- C14 Input
- Class 11
- DOE Level VI Efficiency
- Very Low Ripple and Noise
- Overcurrent Protection
- Short Circuit Protection
- RoHS Compliant
- 1 Year Warranty
- EN62368 Approved
- Functional Earth connection
- Cable Length 1.2 Metres

APPLICATIONS

These power adapters are ideal for use with Audio applications where the additional filtering and low noise can help to reduce audible noise. They are also suitable for any application that requires a 45W or 60W power supply with a 2.1x5.5x12mm Centre Positive connector.

45/60W

9V/
24V DC

5A/2.5A

C14

1.2m



ELECTRICAL SPECIFICATION

Output	85-7090	85-7091
DC Voltage	9VDC	24VDC
Rated Current	5A	2.5A
Current Range	0-5A	0-2.5A
Rated Power	45W	60W
Ripple & Noise	240mVp-p max	
Output Regulation	±5%	
Output Connector	2.1x5.5x12mm Centre Positive	2.5x5.5x12mm Centre Positive
Input		
Voltage Range	90-264VAC	
Frequency Range	47-63Hz	
Nominal Voltage Range	100-240VAC	
Nominal Frequency Range	50-60Hz	
Input Current	1.2A Max	
Inrush Current	40A Max	
Standby Power	0.21A Max	
Leakage Current	0.25mA Max	
Input Connector	C14	



GENERAL SPECIFICATION

Series	Power Supplies
Type	AC/DC Adapter
RoHS Compliant	Yes
DOE	Level VI Efficiency
Class Rating	Class I



MATERIALS

Case Material	Polycarbonate
Case Colour	Black



CERTIFICATION AND STANDARDS

Safety Standards	BS EN62368
	CE EN62368
	UL/FCC 62368
EMC Emissions	EN55032, EN61000-3-2, EN55035, FCC Part 15 Class B



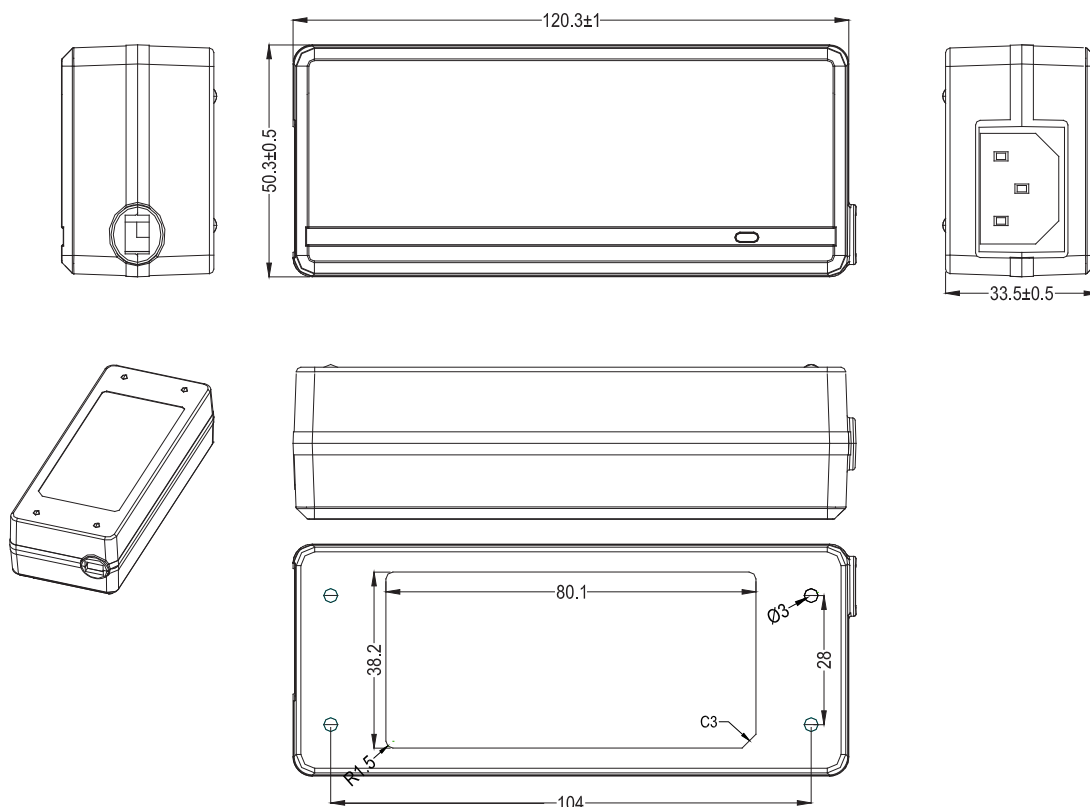
ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature	0°C~+40°C
Cooling	Convection
Temperature Coefficient	0.05%/°C
Humidity	5~95%RH (non-condensing)
Storage Temperature	-20°C~+80°C
Temperature resistance polycarbonate shell	120 °C
Operating Environment	Designed for indoor use only, and not suitable for use in damp or wet conditions



DIMENSIONS/DRAWINGS

Units	mm - unless stated otherwise
Overall Dimensions	120.3 x 50.3 x 33.5
Cable length	1.2m
Weight	240g



PART NUMBER TABLE

Part number	DC Voltage	Rated Current	Current Range	Output Connector	UNSPSC	EAN	Country of Origin
85-7090	9VDC	5A	0-5A	2.1x5.5x12mm Centre Positive	39121004	5053556012121	China
85-7091	24VDC	2.55A	0-2.5A	2.5x5.5x12mm Centre Positive	39121004	5053556012138	China

R-TECH

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