

Features

- Universal Input 90~264VDAC
- Desktop power supply
- UKCA & RoHS
- EN/EN62368-1
- EMC Class B
- Single Output 9V DC
- OVP, OLP, SCP

RS PRO Desktop Power Supplies

RS Stock No.: 0625748



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

The RS PRO product is a high-efficiency and standards-compliant 36W External AC/DC Desktop Power Supply.

Designed for use in applications such as industrial control and automation systems.

This Product is supplied with a C14 intel input connection and supports input voltages of 90~264V AC 50~60Hz.

Certified to CE, FCC, RCM, TUV-GS, CB, cULus, RoHS and compliant with EN/EN62368-1, UL62368. Ideal for AV and ITE manufacturers, this product offers efficient, adaptable power units for demanding environments.

General Specifications

Input Connector	UK Fixed
Output Connection Type	Jack connector 12 + 0.5mm
Number of Outputs	1
Energy Efficiency Level	VI
Mounting Style	Desktop
MTBF	354.9Khrs min.
Cable Length	1.5m
Medical Approved	Yes

Electrical Specifications

Input Specifications	
Rated Input Voltage	100~240VAC
Full Input Voltage Range	90~264V AC
Rated Frequency	50/60Hz
Full Frequency Range	50/60Hz
Efficiency	88%
Input Current (RMS Max.)	1.5A/115VAC
Inrush Current	Start 60A/200us at 230VAC 50Hz
Leakage Current (max.)	<0.75mA/230VAC

Output Specifications	
Ripple & Noise (max.)	100mVp-p
Voltage Tolerance	±5.0%
Hold Up Time (Typ.)	0.8s,30ms,80ms/230VAC(at full load)
Operating Humidity	20 ~ 95%RH Non-condensing
Storage Humidity	-40 ~ +85°C,10 ~ 95%RH Non-condensing
Operating Temperature Range	-30 ~ +70°C (Please refer to "Derating Curve" section)
Storage Temperature Range	-30 ~ +70°C

Mechanical Specifications

Housing Material	Fully Enclosed Plastic Case
Overall Dimensions	116.5 x 54.2 x 34.6 mm
Overall Length	116.5mm
Overall Depth	54.2mm
Overall Width	34.6mm

Protection Category

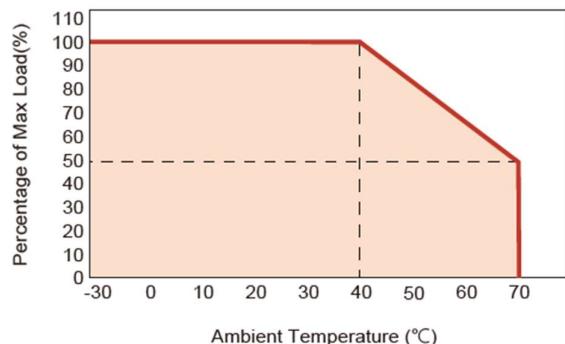
Over Voltage Protection	120~180% Shut down o/p voltage, re-power on to recover.
Over Load Protection	105~150% Hiccup mode, recovers automatically after fault condition is removed
Short Circuit Protection	Yes, Shut down o/p voltage, re-power on to recover.

Approvals

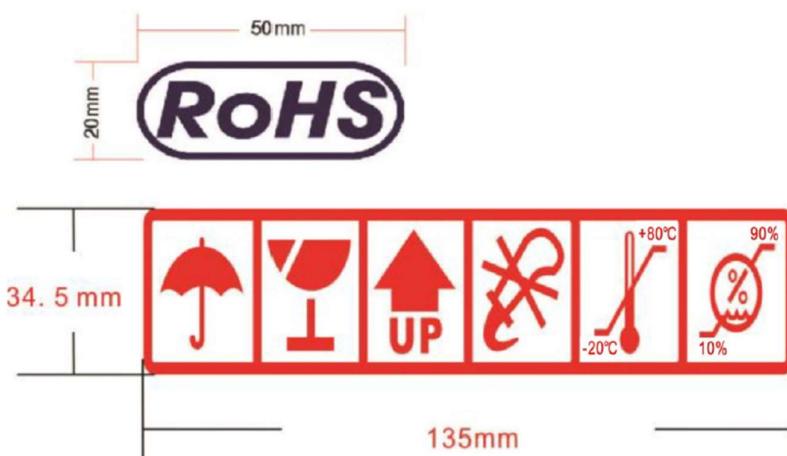
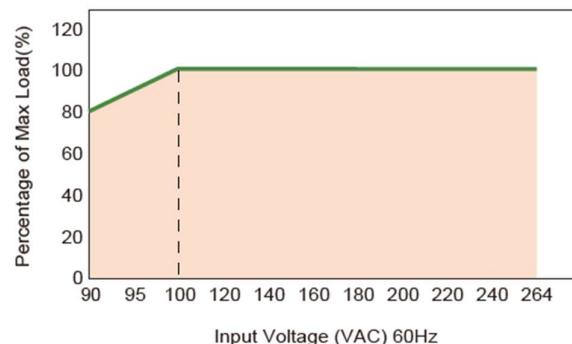
Safety Standard	TUV BS EN/EN62368-1, UL62368, CCC GB4943.1, PSE J62368-1 AS/NZS 60950.1, BIS IS13252, KC K60950-1, EAC TP TC 004 approved
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Feature Curves

1. Derating Curve



2. Static Characteristics



Standard Model : D1J

D1J	Pin Assignment