

FEATURES

- Plug in switching adaptor
- Double insulated
- Overload, short circuit protection
- Lowest standby power consumption
- EU CoC V5 tier 2/
EnergyStar DOE VI

RS PRO AC/DC Adapters

RS Stock No.: 206-4932



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 12VDC Plug-in AC-DC power supply adaptor has a 2-pin Euro plug style enclosure and is terminated with a DC cable with a 5.5mm x 2.1mm x 12mm DC connector. This ultra-slim plug in switching adaptor has double insulation, ErP Step 2 compliance and low standby power consumption. Ideal applications of the switch mode USB power adapter include wireless communications, peripherals, networking, portable equipment, tablets, smart phones and telecom.

General Specifications

Type	Switched Mode Power Supply
Input Plug Type	European Plug
Output Connector	5.5 x 2.1 x 12 mm DC Jack
Input Connector	EU Plug
Cable Length	1.5m
Cable Type	22AWG
Power Indicator	No
Over Current Protection	Yes
Short Current Protection	Yes
Over Current Protection	Yes
MTBF	40 000 hours at maximum load
Medical Approval	No

Electrical Specifications

RS Stock#	Input Voltage	Output Voltage	Output Current	Output Wattage	Efficiency (Typ)
206-4931	90 to 264V ac	+ 9V DC	3A	27W	85.9%
206-4932	90 to 264V ac	+ 12V DC	3.5A	42W	88.47%

Input Specifications	
Rated Input Voltage	100 to 240V ac
Full Input Voltage Range	90 – 264V ac
Rated Frequency	50/60Hz
Full Frequency Range	47/63Hz
Efficiency	>84%
Power Factor	
Input Current (RMS Max.)	1.32A
Inrush Current	No Damage
Leakage Current (max.)	<25mA / 240V ac
Input Protection	Thermal fuse in Primary; Current Limit, Short Circuit

Output Specifications		
Output Voltage	See table	
Maximum No Load Voltage		
Output Maximum Current	See table	
Output Minimum Current	0A	
Output Regulation	+/-5%	
Rated Power	42W	
Start Up Delay	4sec	
Start Up Rise Time	30ms	
Hold Up Time	20ms	
Transient Response		
Number of Outputs	1	
Efficiency	>84%	
Efficiency Level	VI	
Output Voltage Precision	5%	
Ripple & Noise	100mV	
Turn On Delay	3 Seconds Max.	
Insulation Class	II	
Switching Frequency		
Isolation Resistance		
Voltage Isolation	Input-Output	3000V ac
	Input-Ground	
	Output-Ground	

Mechanical Specifications

Dimension	83mm x 46.6mm x 68.6mm
Weight	160g

Operation Environment Specifications

Operating Humidity	5% to 95% RH non-condensing
Cooling	Natural convection
Operating Temperature Range	-10 to 40°C
Storage Temperature Range	-20 to 70°C

Protection Category

IP Rating	IP40
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Approvals

Compliance/Certifications	CE
Declarations	
Medical Approval	NO

