

FEATURES

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RS PRO AC/DC Adapters

RS Stock No.: 2064930



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

Plug in switching adaptor
Double insulated
Small low profile package
Overload, short circuit protection
Lowest standby power consumption
EU CoC V5 tier 2/ EnergyStar DOE VI
 Application :
Single board computers
Wireless communications
Peripherals
Networking
Portable equipment
Tablets / Smartphones
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)
2064930	90 to 264V ac	+ 5V DC	5A	25W	84.6%
2064931	90 to 264V ac	+ 9V DC	3A	27W	85.9%
2064932	90 to 264V ac	+ 12V DC	3.5A	42W	88.47%

AC/DC Adapters



2064933	90 to 264V ac	+ 24V DC	1.75A	42W	89.65%
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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
Length	

AC/DC Adapters



Width	
Depth	
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
Temperature Coefficient	
Altitude During Operation	
Vibration Resistance	
Shock Resistance	

Protection Category

IP Rating	IP40
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Classification

eCl@ss Version	
UNSPSC Version	
ETIM Version	

Approvals

Compliance/Certifications	CE
Declarations	
Medical Approval	NO

Accessories Includes

Stock #	Item Name	Item Description	Qty

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Similar Products Range

Parameters	RS Stock#	RS Stock#	RS Stock#	RS Stock#
Type				
Input Plug Type				
Output Connector				
Input Connector				
Cable Length				
Rated Input Voltage				
Input Current (RMS Max.)				
Inrush Current				
Input Protection				
Output Voltage				
Output Maximum Current				
Output Regulation				
Output Minimum Current				
Number of Outputs				
Efficiency				
Efficiency Level				
Isolation Resistance				
Isolation Voltage				
Isolation Resistance				
Dimensions				
IP Rating				

Additional Information / Diagrams / Illustrations

