

FEATURES

- AC/DC adaptor
- Holdup time of 20ms
- Power rating of 12 W
- EU plug input connector
- One output
- Load regulation of $\pm 5\%$
- Type C plug type
- MTBF of 30H h
- Power signal conversion type of AC – DC
- Line regulation of $\pm 3\%$
- AC - DC regulated power adaptor
- Interchangeable output connector
- Not medically approved
- • Efficiency of 75%
- Input voltage of 100 V AC, 110 V AC, 115 V AC, 120 V AC, 127 V AC, 220 V AC, 230 V AC, 240 V AC
- Double insulated

RS PRO, 12W AC DC Adapter 3 V dc, 4.5 V dc, 5 V dc, 6 V dc, 7.5 V dc, 9 V dc, 12 V dc, 1A, 1 Output AC-DC Power

RS Stock No.: 179-9520



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

Why lug around a bag of plugs if just one can do the job? Introducing the RS PRO AC/DC adaptor, compatible with seven different output voltages and supplied with six DC connectors.

This universal plug-in switching adaptor could be your one-stop solution to tangled cables and incompatible plugs with its variety of different voltage capabilities and neat, compact design. The unit features double insulation for added safety and is internally protected from overload and short circuits, making getting connected easy. It has good electrical efficiency, with low standby power consumption and is supplied with a 1.5 m cable.

General Specifications

Type	AC-DC Power Adapter
Plug Type	Type C
Output Connector	Interchangeable
Input Connector	EU Plug
Number Of Outputs	1
Regulated/Unregulated	Regulated
Medical Approved	No
Efficiency	75%
Applications	This adapter has a range of application use such as Point of sale; Wireless communications; Peripherals; Networking; Telecommunication equipment, Tablets / Smartphones

Electrical Specifications

Output Voltage	3 V DC, 4.5 V DC, 5 V DC, 6 V DC, 7.5 V DC, 9 V DC, 12 V DC
Input Voltage	100VAC to 240VAC
Output Current	1A
Power Rating	12W
Load Regulation	±5%
Dielectric Withstand	3000VAC 1min 5mA inp.<->outp.
Leakage Current	0.25mA max.at 240VAC
Overcurrent Protection	Continuous, auto restart typ. 120%
Overvoltage Protection	Continuous, auto restart typ. 120%
Input Frequency	47Hz to 63Hz
Hold-Up Time, Nom. Conditions	20ms at 230VAC
Inrush Current	<30A/230VAC
No Load Power Consumption	< 0.3 Watt
Recovery Time ±2%	max. 1 ms
Ripple And Noise	Max. 200mV pp
MTBF	30K hours
Line Regulation	±3%
Load Regulation	±5%
Short Circuit	Yes
Standby Power	Yes

Mechanical Specifications

Cable Length	1.5m (UL2468 24AWG)
Width	43.3mm
Length	75.5mm
Depth	35.8mm
Weight	124g

Operation Environment Specifications

Maximum Temperature	+40°C
Minimum Temperature	0°C
Storage Temperature Range	-10°C to +80°C
Humidity	25% to 75% RH

Approvals

Standards Met	2011/65/EU, CE Certified, CE LVD EN60950-1, EN55013:2013, EN55014-1:2006+A1+A2, EN55014-2:1997+A1+A2, EN55020:2007+A11, EN55024:2010, EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, GS Certified, NEMKO GS IEC 62368-1:2014+A11:2017, RoHS (Restriction of Hazardous Substances) Compliant
Safety Requirements	NEMKO GS IEC 62368-1:2014+A11:2017, CE LVD EN60950-1



12 Watt Universal Power

3...12 Volt Steckernetzteil-Serie

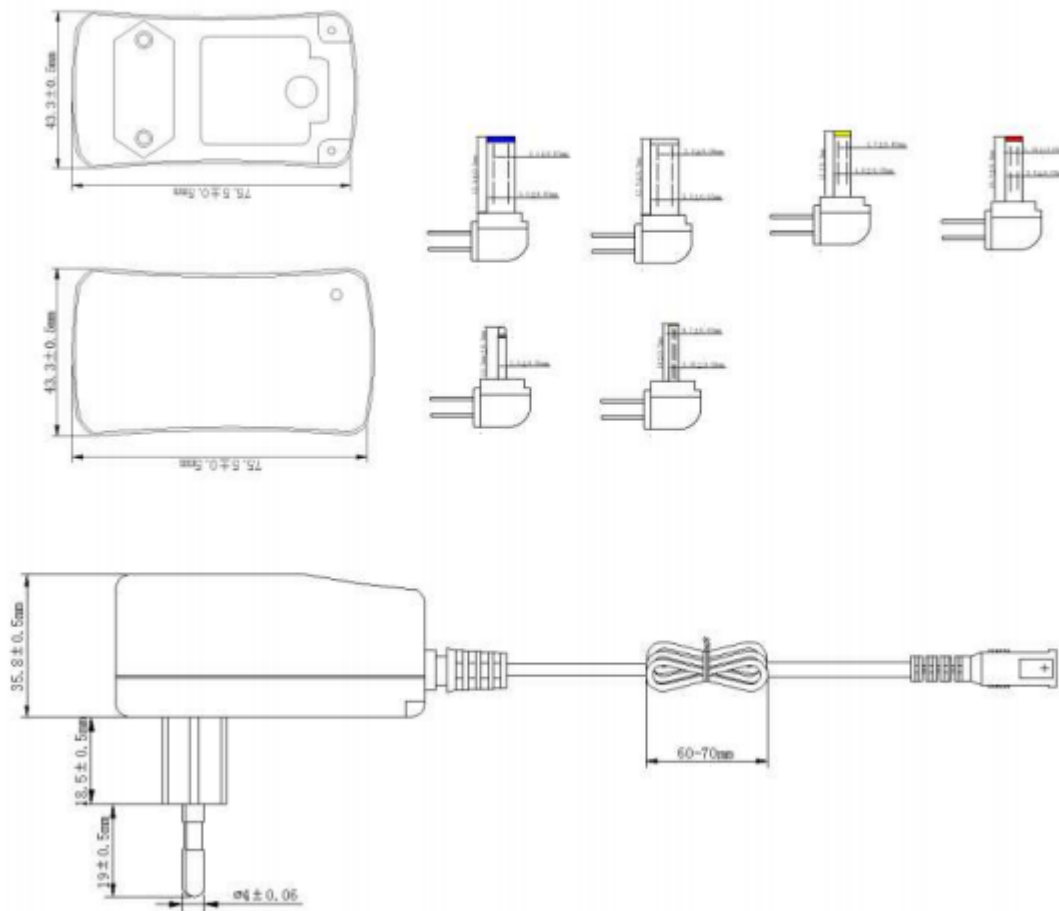
**12 W
AC/DC
UNI
ADAPTER**

Bestell-Information / Order Information

Modell	Ausgang Output	Max.
1799520	3 V	1.0 A
oder / or	4,5 V	1.0 A
oder / or	5 V	1.0 A
oder / or	6 V	1.0 A
oder / or	7,5 V	1.0 A
oder / or	9 V	1.0 A
oder / or	12 V	1.0 A

Spannung fest einstellbar mit beiliegendem Schlüssel - Voltage fix selectable with included key

MEMO:

PIN-Belegung und Zeichnung / Pin Assignments & Drawing

Technische Änderungen vorbehalten. Version A06.2018
Technical specifications are subject to change without notice.

