

## FEATURES

- Universal plug-in switching AC/DC power adaptor
- Holdup time of 20ms
- Power rating of 18 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 78%
- Double insulated
- Small low profile pack

## RS PRO, 18W 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, 1.5A, 1 Output AC-DC Power

RS Stock No.: 179-9522



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

You'll never have to worry about a dead mobile battery again with the handy RS PRO universal plug-in AC/DC adaptor. This global plug is designed to keep you on the go and can be used with many mobile electronic devices.

This versatile plug is compatible with seven different output voltages and comes in a small, low-profile package that's easy to transport. Its short circuit protection and double insulation make it safe to use and the adaptor comes with six different DC connectors. It has an EU (European Union) input connector.

## General Specifications

|                              |   |
|------------------------------|---|
| <b>Type</b>                  | AC-DC Power Adapter   |
| <b>Plug Type</b>             | Type C  |
| <b>Output Connector</b>      | Interchangeable   |
| <b>Input Connector</b>       | EU Plug   |
| <b>Number Of Outputs</b>     | 1   |
| <b>Regulated/Unregulated</b> | Regulated   |
| <b>Medical Approved</b>      | No  |
| <b>Efficiency</b>            | 78%   |
| <b>Applications</b>          | This adapter has a range of application use such as Point of sale; Wireless communications; Peripherals; Networking; Telecommunication equipment, Tablets / Smartphones |

**Electrical Specifications**

|                                      |   |
|--------------------------------------|---|
| <b>Output Voltage</b>                | 3VDC, 4.5VDC, 5VDC, 6VDC, 7.5VDC, 9VDC, 12VDC |
| <b>Input Voltage</b>                 | 100VAC to 240VAC                              |
| <b>Output Current</b>                | 1.5A  |
| <b>Power Rating</b>                  | 18W   |
| <b>Load Regulation</b>               | ±5%   |
| <b>Dielectric Withstand</b>          | 3000VAC 1min 5mA inp.<->outp.                 |
| <b>Leakage Current</b>               | 0.25mA max.at 240VAC                          |
| <b>Overcurrent Protection</b>        | Continuous, auto restart typ. 120%            |
| <b>Overvoltage Protection</b>        | Continuous, auto restart typ. 120%            |
| <b>Input Frequency</b>               | 47Hz to 63Hz                                  |
| <b>Hold-Up Time, Nom. Conditions</b> | 20ms at 230VAC                                |
| <b>Inrush Current</b>                | <30A/230VAC                                   |
| <b>No Load Power Consumption</b>     | < 0.3 Watt                                    |
| <b>Recovery Time ±2%</b>             | max. 1ms                                      |
| <b>Ripple And Noise</b>              | Max. 200mV pp                                 |
| <b>MTBF</b>                          | 30K hours                                     |
| <b>Line Regulation</b>               | ±3%   |
| <b>Load Regulation</b>               | ±5%   |
| <b>Short Circuit</b>                 | Yes   |
| <b>Standby Power</b>                 | Yes   |

**Mechanical Specifications**

|                     |                     |
|---------------------|---------------------|
| <b>Cable Length</b> | 1.5m (UL2468 24AWG) |
| <b>Width</b>        | 46.2mm              |
| <b>Length</b>       | 92.2mm              |
| <b>Depth</b>        | 35.8mm              |
| <b>Weight</b>       | 150g                |

**Operation Environment Specifications**

|                                  |                |
|----------------------------------|----------------|
| <b>Maximum Temperature</b>       | +40°C          |
| <b>Minimum Temperature</b>       | 0°C            |
| <b>Storage Temperature Range</b> | -10°C to +80°C |
| <b>Humidity</b>                  | 25% to 75% RH  |

**Approvals**

|                            |  |
|----------------------------|--|
| <b>Standards Met</b>       | 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 |
| <b>Safety Requirements</b> | NEMKO GS IEC 62368-1:2014+A11:2017, CE LVD EN60950-1   |

# 18 Watt Universal Power

## 3...12 Volt Steckernetzteil-Serie

# 18 W AC/DC UNI ADAPTER

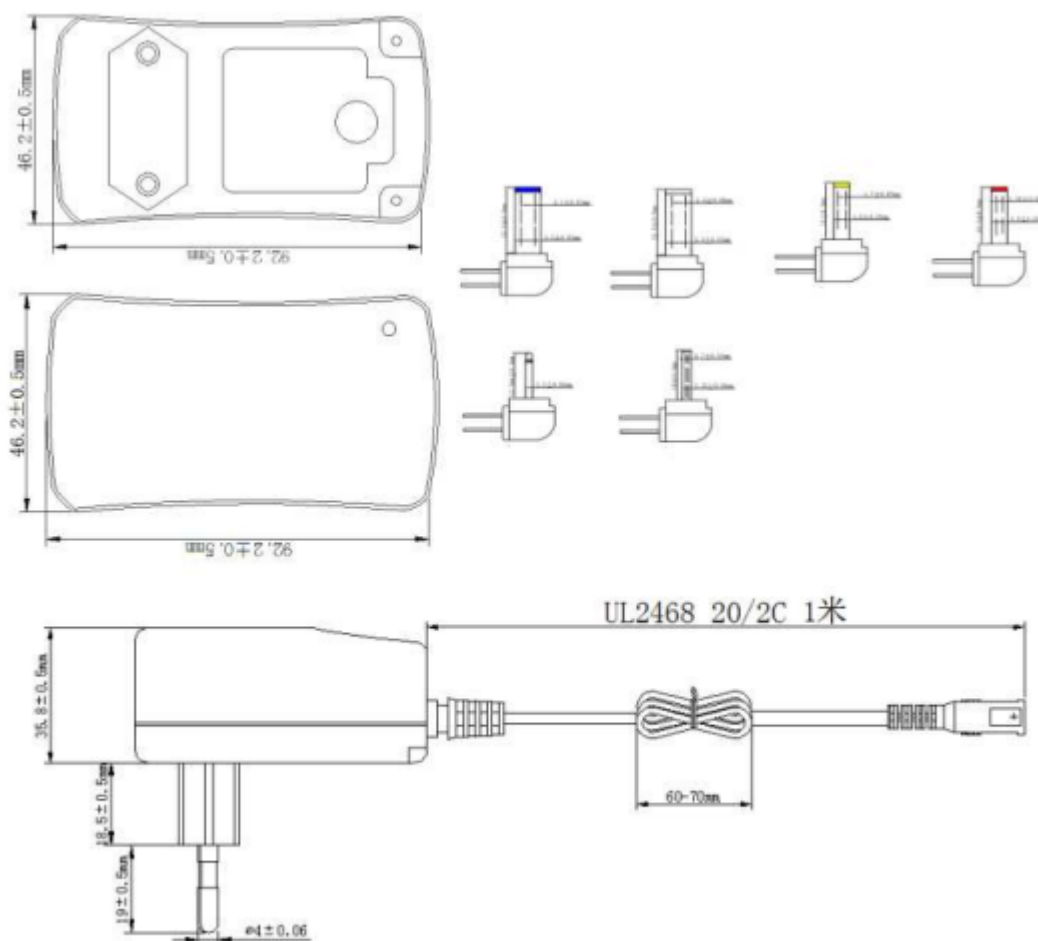
### Bestell-Information / Order Information

| Modell<br>1799521 | Ausgang<br>Output | Max.  |
|-------------------|-------------------|-------|
| 1799521           | 3 V               | 1.5 A |
| oder / or         | 4,5 V             | 1.5 A |
| oder / or         | 5 V               | 1.5 A |
| oder / or         | 6 V               | 1.5 A |
| oder / or         | 7,5 V             | 1.5 A |
| oder / or         | 9 V               | 1.5 A |
| oder / or         | 12 V              | 1.5 A |

**MEMO:**

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

### PIN-Belegung und Zeichnung / Pin Assignments & Drawing



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

