

## FEATURES

- Battery Charger for NiCd/NiMH cells
- Reverse polarity protection
- Case Desktop housing, white-silver
- Case material ABS plastic
- Separate charging process for each inserted cell
- Reverse connect protection

## RS PRO Battery Chargers

RS Stock No.: 800-3079



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

All Battery Chargers, also known as a recharger, have one thing in common. The charging protocol is the same. The Battery Charger is feeding an electric current through batteries for a specific duration time. Introducing the 9V Battery Charger that is suitable to charge different kinds of rechargeable batteries such as nickel-cadmium (also called "nicad" or NiCd) or nickel-metal hydride (also called "NiMH"). The nickel-based battery type is the oldest, whereas the NiMH batteries use the newer technology and look the same as nicads. The Battery Charger is for the UK and EURO plug and has charging indicators along with automatic matching of charging current. This feature allows you to avoid overcharging, which is generally worse than undercharging. It is not recommended to charge the batteries overnight. Always check the charging time either on the battery (often in tiny writing) or check the current rating and set the charge time accordingly. The cleaning process for any Battery Charger is the same. To clean the Charger, disconnect it from the power adaptor and use only a dry cloth. To ensure the correct function of the Charger, keep the charging contacts free from dust and dirt.

## General Specifications

<b>Number of Batteries Charged</b>	6
<b>Chemistries Charged</b>	NiCd; NiMH
<b>Battery Sizes Charged</b>	9V; AA; AAA
<b>Batteries Included</b>	No
<b>Car Lighter Adaptor</b>	No
<b>Case Material</b>	ABS plastic
<b>Application</b>	Smoke detectors, Transistor radios, Handheld test equipment, Some electronic toys, OEM applications (medical, wireless security, safety and industrial uses)

## Electrical Specifications

<b>Input Voltage</b>	230V AC $\pm$ 10%, 50Hz
<b>Input Current</b>	<250 $\mu$ A
<b>Plug Type</b>	EURO, UK

Output Data	
<b>Charge Current</b>	D 4 x 200mA $\pm$ 15% , C 4 x 200mA $\pm$ 15% , AA 4 x 150mA $\pm$ 15% , AAA 4 x 50mA $\pm$ 15% , 9V block 1 x 15mA $\pm$ 15%
<b>Output Voltage</b>	4 x 1.45V (cylindrical cells), 2 x 10.15V (9V blocks)
<b>Number of Cells Charged</b>	1-4 x cylindrical cells, 1-2 x 9V blocks
<b>Charging Time</b>	18.5h

## Mechanical Specifications

<b>Dimensions</b>	142mm x 174mm x 54mm
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## Operation Environment Specifications

<b>Operating Temperature</b>	0°C to +25°C
<b>Storage Temperature</b>	-25°C to 70°C

## Protection Category

<b>IP Rating</b>	IP20
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## Approvals

<b>Compliance/Certifications</b>	CE
<b>Safety Standard</b>	IEC/EN 60335-1, IEC/EN 60335-2-29



