

Features

- Uses a high-precision single-chip microcomputer and high-precision detection circuit
- Up to 4 AA/ AAA size batteries can be charged at the same time
- It can charge: 1.2V Ni-MH/Cd AA / AAA
- Type C interface input and stable charging performance making this easy to use
- The four charging channels charge independently and do not interfere with each other
- Red and green two-color LED indicates charging status

RS PRO Battery Chargers

RS Stock No.: 0360041



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

This battery charger can charge the below batteries:

1.2V Ni-MH/Cd AA / AAA

It cannot charge primary batteries and 3.2V LiFePO4 and 3.7V Li-ion batteries

With multiple protections such as -DV, 0dV detection, over time protection, over capacity protection, over voltage protection, short circuit protection, reverse connection protection, bad battery detection, alkaline battery identification and low voltage activation protection

General Specifications

Battery Type Charged	1.2V Ni-MH/Cd
Number of Batteries Charged	4
Chemistries Charged	NiCd; NiMH
Battery Sizes Charged	AA/AAA
Case Material	ABS
MTBF Calculation	200,000 hours at max. load
Colour	Black

Electrical Specifications

Input Voltage	DC 5V
Input Current	2A
Efficiency	85% typ. At full load
Plug Type	Type C USB
Number of Charge Stages	1; 2; 3;4
Input Lead Length	60mm

Output Data	
Charge Current	500mA*4 \pm 20%
Output Voltage	DC 1.2V
Maximum Output Power	10W
Number of Cells Charged	1 to 4
Capacity	2500mAh
Output Connectors	Type C USB
Charging Time	6 hours

Mechanical Specifications

Dimensions	88 x 72 x 25mm(L x W x H)
Weight	48g ± 5g

Operation Environment Specifications

Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 70°C

Protection Category

IP Rating	IP65
-----------	------

Approvals

Compliance/Certifications	CE/ROHS/FCC
---------------------------	-------------

Similar Products

Parameters	0360045	0360039	0360042	0360041	0360047
Brand	RS PRO	RS PRO	RS PRO	RS PRO	RS PRO
Battery Type Charged	1.2V Ni-MH/Cd	3.7V Li-ion 1.2V Ni-MH/Cd	1.2V Ni-MH/Cd 3.6V&3.7V Li-ion	1.2V Ni-MH/Cd	1.2V Ni-MH/Cd
Number of Batteries Charged	7	2	4	4	4
Chemistries Charged	Ni-MH/Cd	Ni-MH/Cd; Li-ion	Ni-MH/Cd; Li-ion	Ni-MH/Cd	Ni-MH/Cd
Battery Sizes Charged	AA / AAA / C / D / 6F22	3.7V Li-ion: 26650 1.2V Ni-MH/Cd: A/AA/AAA	A / AA / AAA / AAAA / C / SC 10440 / 14500 / 16340	AA / AAA	AA / AAA
Charge Current	DC 1.2V: 500mA*6 ±20% DC 9V: 30mA*1±25%	500mA/1000mA*2	DC 1.48V/4.2V: 300mA/500mA / 700mA/1000mA *4 DC 5V/1A USB output	500mA*4 ± 20%	DC 1.48V: 200mA / 500mA / 700mA / 1000mA±3%*4 DC USB 5V 1A (USB power adapter function)
Output Voltage	1.2V and 9V	1.48V and 4.2V	1.48V; 4.2V DC 5V/1A USB output	1.2V	DC 1.48V; DC 5V
Maximum Output Power	10W	10W	36W	10W	18W
Number of Cells Charged	7	2	4	4	4
Capacity	2500mAh	2500mAh	2500mAh	2500mAh	2500mAh
Output Connectors	Type C USB	Micro USB	12V/3A adapter	Type C USB	12V/1.5A adapter
Charging Time	6 hours	3-6 hours	3-10 hours	6 hours	3-15 hours
Input Voltage	DC 5V	DC 5V	DC 12V	DC 5V	DC 12V
Input Current	2A	2A	3A	2A	1.5A
Plug Type			EU Plug		EU Plug
Number of Charge Stages	1,2,3,4,5,6,7	1,2	1,2,3,4	1,2,3,4	1,2,3,4
Input Lead Length	60cm	60cm	1.2cm	60cm	1.2cm
Colour	Black	Black	Black	Black	Black
Dimensions	170x130x41.3mm	100x60x28.5mm	157x93x34mm	88x72x25mm	129x75x31mm
Weight	249g ± 5g	60.2g ± 5g	199.5g ± 10g	48g ± 5g	116.5g ± 10g