

Features

- Using high-precision single-chip MCU and high-precision detection circuit
- Multiple ways to combine charging, up to 6 AA AAA size batteries and 1 NIMH 9V battery can be charged at the same time; Or charge four C and D size batteries at the same time (limited to slots 1, 3, 4, 6)
- Type C input, stable charging performance, easy to use
- The red and green two-color LED indicates the charging status
- Alkaline battery identification function to ensure safe charging

RS PRO Battery Chargers

RS Stock No.: 0360045



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 C D Size and 9V Ni-MH/Cd: 6F22 Size
It cannot charge primary batteries and 3.2V LiFePO4 and 3.7V Lithium-ion batteries
Independent charging channel, can charge different sizes batteries at the same time*

General Specifications

Battery Type Charged	Ni-MH/Cd
Number of Batteries Charged	7
Chemistries Charged	NiCd; NiMH
Battery Sizes Charged	1.2V Ni-MH/Cd: AA AAA C D Size; 9V Ni-MH/Cd: 6F22 Size
Case Material	ABS
MTBF Calculation	200,000 hours at max. load
Colour	Black

Electrical Specifications

Input Voltage	DC 5V (Type C USB)
Input Current	2A
Efficiency	≥85% typ. At full load
Plug Type	Type C USB
Number of Charge Stages	1; 2; 3;4;5;6;7;
Input Lead Length	60mm

Output Data	
Charge Current	DC 1.2V: 500mA*6 ± 20% DC 9V: 30mA*1 ± 25%
Output Voltage	1.2V and 9V
Maximum Output Power	10W
Number of Cells Charged	1 to 7
Capacity	2500mAh
Output Connectors	Type C USB
Charging Time	6 hours

Mechanical Specifications

Dimensions	170 x 130 x 41.3mm(L x W x H)
Weight	249g ± 5g

Operation Environment Specifications

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

Protection Category

IP Rating	IP65
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Approvals

Compliance/Certifications	CE/ROHS/FCC
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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