

Features

- Micro USB DC 5V/2A input, adaptive charging can be applied more widely according to external power supply
- Automatically switch charging current based on battery size (500mA/1000mA)
- Charging automatically stops without calculating the time
- 0V voltage activation function, activation failure prompt function.

RS PRO Battery Chargers

RS Stock No.: 0360039



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 charges the below batteries
3.7V Li-ion: 26650/ 22650/ 26500/ 18650/ 18490/ 17500/ 17335/ 16340/ 14500/ 10440
1.2V Ni-MH/Cd: A/AA/AAA/AAA/C/SC
It cannot charge primary batteries and 3.2V LiFePO4 batteries
Can charge the Li-ion and Ni-MH batteries at the same time*

General Specifications

Battery Type Charged	3.7V Li-ion and 1.2V Ni-MH/Cd
Number of Batteries Charged	2
Chemistries Charged	Lithium-Ion; NiCd; NiMH
Battery Sizes Charged	3.7V Li-ion: 26650/22650/26500/18650/18490/17500/17335/16340/14500/10440 1.2V Ni-MH/Cd: A/AA/AAA/AAA/C/SC
Case Material	ABS
MTBF Calculation	200,000 hours at max. load
Colour	Black

Electrical Specifications

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

Output Data	
Charge Current	500mA/1000mA*2
Output Voltage	1.48V and 4.2V
Maximum Output Power	10W
Number of Cells Charged	1 to 2
Capacity	2500mAh
Output Connectors	Micro USB
Charging Time	3-6 hours

Mechanical Specifications

Dimensions	100 x 60 x 28.5mm(L x W x H)
Weight	60.2g ± 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