

Features

- Identifies bad batteries and non-rechargeable batteries
- Every slot can be charged and controlled independently
- LED multi-functional indication, intuitive and easy identification
- Pulse charging way can control cell polarization effectively and with high speed charging and efficiency.
- Charging voltage range: 0.8V-1.60V

RS PRO Battery Chargers

RS Stock No.: 0360044



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

*Charges batteries: 1.2V Ni-MH/Cd AA / AAA and 1.5V Alkaline AA/AAA
Unable to charge 3.2V LiFePO4 and 3.7V Li-ion batteries
LED indicator shows the charging status
Multiple protections such as max voltage protection, max time protection, -dV and 0dV detection, temperature protection, bad battery detection, non-rechargeable detection, short circuit protection and reverse connection protection*

General Specifications

Battery Type Charged	1.2V Ni-MH/Cd, 1.5V alkaline
Number of Batteries Charged	4
Chemistries Charged	NiCd; NiMH; Alkaline
Battery Sizes Charged	AA/AAA
Batteries Included	No
Car Lighter Adaptor	No
Case Material	ABS
MTBF Calculation	200,000 hours at max. load
Colour	Black

Electrical Specifications

Input Voltage	AC 100-240V 50/60Hz
Efficiency	85% typ. At full load
Plug Type	AC Plug
Number of Charge Stages	1; 2; 3; 4;

Output Data	
Charge Current	DC 1.48V: 350mA*4 (NI-MH/CD AA/AAA) DC 1.65V: 100mA-150mA*4 (Alkaline AA/AAA)
Output Voltage	DC 1.48V, DC 1.65V
Maximum Output Power	110W-264W
Number of Cells Charged	1 to 4;
Capacity	2500mAh
Output Connectors	Type C USB
Charging Time	9 hours

Mechanical Specifications

Dimensions	108 x 71 x 65.5mm(L x W x H)
Weight	102g ± 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/LVD
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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