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Link to the product: https://www.skyrc.eu/skyrc-nc2200-battery-charger-dc-12v-2a-aa-aaa-nimhnicd-p-745.html



SkyRC NC2200 Battery Charger DC 12V 2A AA AAA NiMH/NiCD

Price	**52.14 Euro**
Availability	**Available in stock**
Shipping time	**24 hours**
Manufacturer	**SkyRC**

Product description

SkyRC NC2200 Battery Charger DC 12V 2A AA AAA NiMH/NiCD

This SkyRC NC2200 AA/AAA battery charger-analyzer charges up to 4 batteries at once, so you can quickly power your electronic devices. The visual charging status keeps you informed on when your batteries are ready for use.
It can handle 1 to 4 AA and AAA NiMH/NiCD rechargeable batteries via four independent charging slots with its respective interface.
With the wide-viewing VA screen, the charger displays Current, Capacity, Internal Resistance, Voltage, Elapsed Time, and working mode at a glance. Meanwhile, the charging graph and firmware upgrading can be accessible with the SkyCharger app if you connect the optional Bluetooth Dongle.

NC2200 on a Power Chip.

The Cortex-M3 processor is specifically developed for high-performance, cost-effective platforms for various devices, including microcontrollers, automotive body systems, industrial control systems, and wireless networking and sensors.

Thanks to Cortex-M3 by ARM, NC2200 can complete real-time acquisition of battery voltage and current, and the charging process under intelligent control. It can automatically calculate the remaining charging time of the battery and adjust the parameters. System management circuit also has a protective function, which can prevent damage to the battery from overcharge and overtime.

5 Modes to Stay Charged & Healthy

NC2200 comes with five operation modes: Turbo(fast charge), Charge, Discharge, Refresh & Analyze and Break-in. With these five modes, you can charge, optimize your battery, and even you can rescue the battery from dying.

Overheating is Prevented

The internal resistance of the battery usually increases as it is used.
When the battery is used for a long time, its internal resistance will increase. The internal resistance consumes part of the electric energy when charging and causes the battery to heat up simultaneously.

SkyRC deploys an innovative FlexiPulse algorithm for internal resistance detection in this charger.
Once a high internal resistance is detected, the charge current will automatically decrease to reduce the overall heating and protect the battery.

Deep Blacks and Bright Whites

In high contrast black and white, current, capacity, internal resistance, voltage, elapsed time and working mode are displayed stunningly at a glance.

Rescue a Battery to Further Life!

Any useless battery in your drawer?
With NC2200, users can try to rescue useless or none-performing-well batteries. Regardless that it is against the law to dispose of these batteries improperly, you have some chance to save the almost dead batteries.
After trying all the modes as in the manual, refer to the battery rescue steps as simple as 1-2-3:

1. Use the REFRESH & ANALYZE mode once to three times.
2. Change to BREAK-IN mode if the capacity is still low.
3. If the second steps can improve the battery capacity by more than 10%, please try BREAK-IN mode once to three times again. If there are no significant improvements and the actual battery capacity is less than 60% of its rated capacity. The battery would probably be at the end of its life and needs to be replaced.

Led indicator

The four LED can reflect the real-time status of the respective slot

Match Well, Perform Better

Most electronic devices usually require two or more batteries to be used together. In this circumstance, the overall performance will be limited by the worst battery.
In other words, the poorly performing battery will affect the operating time of the device. We can understand battery matching as group batteries with similar actual capacity.
Grouping batteries by similar capacity will maximize the battery series' efficiency.
You can group batteries easily in the Refresh mode!

Go Appy,
Go Smart

ou can view NC2200 via your smartphone via the optional Bluetooth dongle. The free SkyCharger app gives you a more intuitive experience: all data is displayed at a graphic interface with a charging graph!
With the recorded data on the app, you can easily analyze your battery's performance!

Pckage:

- SkyRC NC2200
- Power adaptor
- Manual

Specifications:

Size and Weight

Dimension: 112.1*108*62 mm
Weight: 370g

Other Parameters

Battery Type: NiMH/NiCD
Battery Size: AA/AAA
Charge Rate: 0.2-2.2A w/ increments of 0.1A
Discharge Rate: 0.1-1.0A w/ increments of 0.1A
Discharge Termination Voltage: 0.9V
Supported Capacity: 500-3200mAh
Capacity Protection: 3200mAh
Input Power: DC 12V/2.0A
-△V: 5mV

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