

SkyRC MC5000 Battery Charger and Analyzer USB-C



Model: SK-100214

Manufacturer: SKYRC

EAN: 6930460009494

Product Code: 1307541

R3,536

SkyRC MC5000 USB-C Cylindrical Battery Charger and Analyzer

The SkyRC MC5000 is an advanced charger and tester for cylindrical batteries that not only charges cells but also accurately checks their condition and actual capacity. The device supports many popular battery types, offering a wide range of diagnostic functions and the ability to precisely control the charging and discharging process. Thanks to its clear display and mobile app, you have full insight into the operating parameters and condition of the cells. The device is powered via USB-C.

One device—many functions

The SkyRC MC5000 combines the functions of a charger, analyzer, and battery tester. The device allows you to charge, discharge, refresh, and measure the actual capacity of the cells. This enables

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you not only to prepare the batteries for use but also to assess their condition and detect worn-out or damaged cells. This solution is particularly useful for users who rely on multiple batteries—in photography equipment, model-making, electronics, or flashlights.

Support for Multiple Battery Types

The charger is designed to work with various types of cylindrical batteries. It supports, among others, Li-ion, NiMH, NiCd, LiFe, and NiZn cells, which significantly increases its versatility. Adjustable guides allow you to accommodate many popular cell sizes, such as 18650, 21700, and classic AA and AAA. As a result, a single charger can replace several separate devices designed for different battery types.

Precise Charging Control

Each of the four slots operates independently, meaning you can set different parameters for each battery. You can adjust the charging and discharging current, allowing you to tailor the process to a specific cell type. This solution enhances operational safety and helps extend the life of the batteries by ensuring they are charged under optimal conditions.

Easy-to-read display and mobile app

The large LCD screen displays key information about the device's operation. On the display, you can check, among other things, voltage, current, capacity, and charging or discharging time. Additionally, the charger can connect to a mobile app via Bluetooth. This allows you to conveniently monitor the device's operation, change settings, and analyze parameters directly from your smartphone.

Analysis and testing functions

The SkyRC MC5000 offers several operating modes that allow for thorough battery testing. Capacity measurement mode allows you to determine a cell's actual capacity, while refresh mode helps restore performance in older batteries. Thanks to these features, you can quickly assess the condition of your cells and decide which ones are still suitable for use.

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Manufacturer	SkyRC
Model	MC5000
Device Type	Cylindrical battery charger and analyzer
Supported Battery Types	Li-ion, Li-ion HV, LiFe, NiMH, NiCd, eneloop, NiZn, RAM, LTO, Na-ion
Supported Cell Sizes	AA, AAA, 18650, 21700, and other cylindrical cells with similar dimensions
Number of Slots	4 independent channels
Display	240x320 px LCD
Connectivity	Bluetooth, USB-C
Charging current range	0.05 A – 5.00 A
Discharging current range	0.05 A – 2.00 A
Maximum charging power	80 W
Maximum discharge power	20 W
AC power input	100 – 240 V; 50 / 60 Hz
USB output	USB-C Power Delivery 3.0 up to 65 W
Housing Dimensions	188 × 122 × 65 mm
Weight	Approximately 665 g

Information about data generation: <https://dataact.innpro.pl/SkyRC/6930460009494>, GPSR Link: https://psr-assets.innpro.pl/rc_models/sg_rc_models_charging.pdf, PPWR: <https://ppwr.innpro.pl/en/skyrc>, Gross weight: 920, Net weight: 800, Box length: 18,80, Box width: 12,20, Box height: 6,50

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