



## SkyRC Q200 neo Quad Channel Charger Dual Power AC/DC 200W/400W 10A 6S LiPo/LiFe/Lilon/LiHV

Price	<b>119.05 Euro</b>
Availability	<b>Available in stock</b>
Shipping time	<b>24 hours</b>
Producer code	<b>SK-100197</b>
Manufacturer	<b>SkyRC</b>

### Product description

## SkyRC Q200 neo Quad Channel Charger Dual Power AC/DC 200W/400W 10A 6S LiPo/LiFe/Lilon/LiHV

### Quadruple the Power: Impressively Powerful, Impossibly Accurate!

Experience a revolutionary charging process tailored for RC enthusiasts with the SkyRC Q200neo charger, boasting four impressive charging ports. This advanced powerhouse redefines convenience by enabling four simultaneous charging of multiple chemistry batteries and powering with dual AC/DC input. It delivers a remarkable total power of up to 400W with up to 10A per port. Additionally, it accelerates the balancing process among battery cells with an 800mA balancing current per cell, significantly enhancing the overall charging efficiency. The built-in high-precision balancer ensures exceptional accuracy with a remarkable voltage equalization optimization of  $\pm 0.02V$ . Whether you're a seasoned professional or a passionate hobbyist, Q200neo guarantees that your batteries will always be ready to power your thrilling RC adventures. Bid farewell to downtime and embrace the limitless potential of your RC pursuits with the SkyRC Q200neo charger. Let the thrilling begin!

### Quite Yet Mighty: Unleash Power on the Go!

Q200neo packs outrageous performance, 4 independent ports, and AC/DC dual input into an unbelievably compact footprint, 60% smaller than its predecessor, Q200. Whether you need to power up your RC car, fly a drone, or use ChatGPT on your new Mac, Q200neo has you covered!

### Do More With One Charger! Multiple Chemistries Go.

With exceptional versatility, Q200neo can charge a wide range of battery chemistries. This powerhouse can charge from LiPo and LiFe to Li-ion, LiHV, Pb, NiMH, and NiCd. You are turbocharging your time with a single charger that can handle multiple battery types. Whether you're an RC guru, a beginner, or somewhere in between, Q200neo is the reliable and adaptable choice that ensures optimal performance for all your batteries. Unlock the full potential of your battery arsenal with Q200neo - versatility multiplied capability.

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## Dual AC/DC Input: Efficient. Beyond.

Q200neo is designed to provide RC enthusiasts unparalleled flexibility in the garage or out in the field. You have the freedom to choose between AC or DC input based on your specific scenarios. In AC mode, the charging power reaches an impressive overall 200W, dynamically distributing to each port. When powered by DC, the charger unleashes its true potential, offering an astounding overall 400W of charging power. With a single port capable of reaching up to 100W, you can power up your batteries with remarkable speed and precision. Whether you are a beginner or a seasoned RC guru engaging in racing, Q200neo ensures efficient charging and optimal performance for your RC batteries.

## Unmatched Charging, Impressive Discharging

This cutting-edge charger not only offers efficient charging but also provides impressive discharging functionality. The built-in balance port enables Q200neo to discharge faster, allowing it to discharge at up to 25W when used in conjunction with the main port. In contrast, the discharge rate when using the main port alone is limited to 5W. Whether you need to prepare your batteries for storage, balance their voltage levels, or safely discharge them after use, the Q200neo is there for you! This advanced discharging feature allows you to maintain the health and longevity of your batteries by precisely controlling the discharge process.

## Smart Power Distribution Seamless Charging Flexibility.

Under AC input, when a single two ports are in use, Q200neo will provide maximum power output to that specific ports. The charging power is distributed dynamically and intelligently when all four ports are simultaneously in use. Once a particular port has completed its charging task, the remaining port(s) will receive increased power for faster charging. This intelligent and efficient allocation of power ensures optimal utilization at all times. The charging capabilities of Q200neo are highly flexible, allowing for versatile charging options.

## Funkcja zasilacza

Q200neo wyróżnia się nie tylko ładowaniem, ale także wszechstronnym zasilaczem cyfrowym z czterema wyjściami. Za pomocą kilku kliknięć w menu Q200neo oferuje opcję napięcia od 1,0 V do 30,0 V, z regulowanym krokiem co 0,1 V. Dodatkowo prąd można regulować w zakresie od 0,1A do 10,0A, z dokładnością do 0,1A. Ten czterowyjściowy cyfrowy zasilacz prądu stałego zapewnia cztery niezależnie sterowane wyjścia mocy, co czyni go wszechstronnym narzędziem do różnych zastosowań w testowaniu RC i prototypowaniu.

## So. Pro. So is Digital Power

Q200neo excels not only in charging, but also as a versatile quad output digital power supply. With just a few clicks on the menu, Q200neo offers a voltage option, from 1.0V to 30.0V, with an adjustable increment of 0.1V. Additionally, the current can be adjusted from 0.1A to 10.0A, with a precision of 0.1A. This quad output digital DC power supply provides four independently controllable power outputs, making it a versatile tool for various RC testing and prototyping applications.

## Multiplied by Proprietary HyperBoost

Thanks to the 200 MHz ARM Microcontroller, the deployed Oversampling Technology can improve ADC Resolution to 16bit. The efficient PID mechanism can fine-tune the current to increase response speed and the charge current accuracy.

## Charge It Cool.

Within the sleek enclosure lies a groundbreaking thermal system designed to let Arm Cortex-M4 fly through heavy workloads at screaming-fast speeds — and stay whisper quiet. The fan will adjust the speed accordingly and dissipate heat more effectively according to the different power usage.

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## Enhanced Protection, Assured Safety

The SkyRC Q200neo charger is built-in with several essential safety features ensuring optimal charging safety.

## Smart Charging at Your Keyboard or Fingertips

Connected effortlessly to your charger via the versatile Type-C port or through the convenience of Bluetooth, Q200neo can be controlled by Charger Master on PC, Mac or smartphone. Whether you're at your keyboard or on the go, our charger puts the power in your hands. The app empowers you to take complete charge of your charging experience. From adjustable charging rates to battery health monitoring, you can customize every aspect of the charging process to ensure optimal performance and battery longevity. Don't settle for ordinary boring charging. Take charge. Power up!

## Stay Updated, Always!

Upgrading your charger is now easier than ever. With the Charge Master app, you have two convenient options: Connect your charger to the app using the Type-C port for a fast and reliable upgrade experience. Alternatively, you can perform an Over-The-Air (OTA) update directly through the built-in Bluetooth functionality. Whichever you prefer, upgrading your charger is a breeze. Experience flexibility and compatibility with the Charge Master app, available in four flavors: Mac, Windows, iOS, and Android! Stay connected, stay updated, and you deserve a happier charging experience.

## Package

1. SkyRC Q200neo
2. Power cord AC
3. Manual

## Specifications

Case Material: PC-ABS V0  
Case Size: 123\*119\*78mm  
Weight: 680g  
Display  
Display Type: TN  
Size: 2.8 inch  
Panel Active Area: 43.20\*57.60mm  
Resolution: 240x320 Pixel  
Number of Colors: 262K  
Power  
DC Input Voltage: 10-30V  
AC Input Voltage : 100-240V  
  
Charger power:  
AC: 200W MAX  
DC: 400W MAX  
  
Discharge power:  
Main port: 5W  
Balance port: 25W MAX (LiPo/6S)  
  
20W USB-C Power Delivery:  
QC3.0: 5V□3A, 9V□2A, 12V□1.5A 18W  
PD: 5V□3A, 9V□2.2A, 12V□1.67A 20W  
  
DC Power Supply  
Output Voltage: 1.0-30.0V  
Output Current: 0.1-10.0A  
Output Power: Max. 100W single port  
Battery  
Battery Types/Cells:

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LiPo/LiHV/LiFe/Lilon: 1-6cells  
NiMH/NiCd: 2-15cells  
Pb: 3S/6S/12S  
Charge and Discharge  
Charge current  
LiPo/LiFe/Lilon/LiHV/NiMH/NiCd/Pb 0.1-10.0A  
  
Discharge current  
LiPo/LiFe/Lilon/LiHV/NiMH/NiCd/Pb 0.1-2.0A  
  
Balance current  
LiPo/LiFe/Lilon/LiHV 800mA MAX  
  
Operation  
LiPo/LiFe/Lilon/LiHV: Balance CHG, Charge, Storage Discharge  
NiMH/NiCd: Charge, Re-Peak, CYCLE\_C\_D, CYCLE\_D\_C, Discharge  
Pb: Charge, AGM Charge, Cold Charge, Discharge

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DC: 400W MAX  
  
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Charge and Discharge  
Charge current

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LiPo/LiFe/Lilon/LiHV/NiMH/NiCd/Pb 0.1-10.0A

Discharge current

LiPo/LiFe/Lilon/LiHV/NiMH/NiCd/Pb 0.1-2.0A

Balance current

LiPo/LiFe/Lilon/LiHV 800mA MAX

Operation

LiPo/LiFe/Lilon/LiHV: Balance CHG, Charge, Storage Discharge  
NiMH/NiCd: Charge, Re-Peak, CYCLE\_C\_D, CYCLE\_D\_C, Discharge  
Pb: Charge, AGM Charge, Cold Charge, Discharge