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Link to the product:
https://www.skyrc.eu/skyrc-q100-neo-quad-channel-charger-dual-power-acdc-100w240w-6a-4s-lipolifeliionlihv-p-769.html



SkyRC Q100 Neo Quad Channel Charger Dual Power AC/DC 100W/240W 6A 4S LiPo/LiFe/LiIon/LiHV

Price	**71.43 Euro**
Availability	**Available in stock**
Shipping time	**24 hours**
Producer code	**SK-100223**
Manufacturer	**SkyRC**

Product description

SkyRC Q100 Neo Quad Channel Charger Dual Power AC/DC 100W/240W 6A 4S LiPo/LiFe/LiIon/LiHV

The SkyRC Q100 Neo redefines charging performance compact, powerful, and equipped with four intelligent outputs for maximum flexibility. With a total power of 240W DC and 100W AC, the Q100 Neo is ready for any challenge whether in RC racing, FPV flying, or drone soccer. Each of the four outputs operates independently, allowing different battery types to be charged simultaneously. From LiPo and LiHV to NiMH, NiCd, LiFe, Li-ion, and Pb the Q100 Neo is a true all-rounder. The intelligent power management system dynamically distributes available power among active ports. Once one channel completes charging, the remaining power is automatically redirected to the other outputs, reducing overall charging time and ensuring every watt is efficiently used. The integrated balance port also enables faster discharging up to 15W when used together with the main output, compared to 5W via the main port alone. This makes the Q100 Neo not only an outstanding charger but also an excellent discharger and diagnostic tool.

Compact Size. Mighty Power.

Q100neo arrives in a bold new design—small in size, yet brimming with performance. Agile and tough, it delivers up to 100W on AC and 240W on DC. Whether plugged in indoors or powered by DC in the field, Q100neo unleashes instant energy to bring your batteries back to full strength—fast.

AC/DC Flex. Fast, Unleashed.

Switch seamlessly between AC or DC, adapting to any setup with ease. Whether you’re just starting out or chasing the podium, Q100neo delivers stable performance every time. One charger. Endless scenarios.

Do More With One Charger! Multiple Chemistries Go.

With exceptional versatility, Q100neo can charge a wide range of battery chemistries. This powerhouse can charge everything from LiPo and LiFe to Li-ion, LiHV, Pb, NiMH, and NiCd. Unlock the full potential of your battery arsenal with Q100neo–versatility multiplied capability.

Discharging Multiplied by Balance Port

The built-in balance port enables Q100neo to discharge faster, allowing it to discharge at up to 15W when used in conjunction with the main port. In contrast, the discharge rate when using the main port alone is limited to just 5W.

So. Pro. So is Digital Power

Q100neo excels not only in charging, but also as a versatile quad output digital power supply. With just a few clicks on the menu, Q100neo 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 6.0A, 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.

Smart Power Distribution Seamless Charging Flexibility.

Under AC input, when two ports are in use, Q100neo 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 Q100neo are highly flexible, allowing for versatile charging options.

Rectifier Circuit, Efficiency Multiplied

The Q100neo uses a proprietary rectifier circuit to efficiently convert DC into safe D/C power for battery charging. And its onboard MCU precisely controls the charging to minimize power loss to create an incredibly compact form factor.

Engineered for Safety

Multiple safety protections ensure the secure operation.

Package:

1. SkyRC Q100neo
2. AC power cord
3. Manual

Specifications:

Input Voltage: AC: 100V ~ 240V□50Hz/60Hz□
DC: 10V~30V
Charging Power (DC): max. 240 W (4 × 60 W, dynamically distributed)
Charging Power (AC): max. 100 W
Charge Current: 0.1 6.0 A
Balance Current: max. 600 mA
Discharge Power: 5 W (Main Port)
10 W (Balance Port, LiPo/4S)
Display: 2.8'' color display, 240×320 px, 262k colors
Battery Types: LiPo/LiFe/LiIon/LiHV: 1-4S
NiMH/NiCd: 1-8S
Pb: 3S / 6S
Dimensions: 140 × 108 × 43.5 mm
Weight: approx. 491 g

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