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Link to the product:
https://www.skyrc.eu/skyrc-d100neo-dual-channel-acdc-charger-100w200w-10a-6s-lipolifeliionlihv-p-753.html



SkyRC D100neo Dual-channel AC/DC charger 100W/200W 10A 6S LiPo/LiFe/LiIon/LiHV

Price	**66.66 Euro**
Availability	**Available in stock**
Shipping time	**24 hours**
Producer code	**SK-100199**
Manufacturer	**UltraPower**

Product description

SkyRC D100neo Dual-channel AC/DC charger 100W/200W 10A 6S LiPo/LiFe/LiIon/LiHV

Dual Input/Output: Unleash the Thrill!

Experience the next level of charging with SkyRC D100neo, the latest and upgraded version of D100 charger, packed with innovative features and improved functionality. Featuring two charging ports, SkyRC D100neo delivers a total power of 200W and 10A per port, allowing simultaneous charging of multiple chemistry batteries. With a balance current of 1000mA per cell, it speeds up balancing among battery cells, enhancing the charging process. The high precision balancer ensures impressive accuracy of ±0.02V, optimizing voltage equalization. Whether you're a seasoned professional or a passionate hobbyist, this charger takes your RC charging to new heights.

Efficient, yet Compact

Outrageous performance is packed through 2 Independent ports in the compact footprint. You can simultaneously charge two RC batteries with two ports, even in different chemistry. Whether you need to power up your RC car or fly a drone, D100neo has you covered! Despite its small size, the D100neo doesn't compromise on power or efficiency with up to 200W on an output! The charger boasts a vibrant color display featuring a remarkable 76,800 pixels, surpassing the 8,192-pixel black white screen of the D100. *When powered by DC,D100neo can output up to 200W of charging power.

Do more with one charger! Multiple Chemistries Go.

With exceptional versatility, D100neo 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, D100neo is the reliable and adaptable choice that ensures optimal performance for all your batteries. Unlock the full potential of your battery arsenal with D100neo – versatility multiplied capability.

Dual AC/DC Input: Efficient. Beyond.

D100neo is designed to provide RC enthusiasts unparalleled flexibility in the garage or out in the field. With dual port input, 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 100W, dynamically distributing to each port.When powered by DC, the charger unleashes its true potential, offering an astounding overall 200W 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, D100neo ensures efficient charging and optimal performance for your RC batteries.

Unmatched Charging, Impressive Discharging

This cutting-edge device not only offers efficient charging but also provides impressive discharging functionality. The built-in balance port enables D100neo 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 D100neo 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 Efficiency Redefined

When a single port is in use, the D100neo will provide maximum power output to that specific port. The charging power is distributed dynamically and intelligently when all two ports are simultaneously in use. Once a particular port has completed its charging task, the remaining port will receive increased power for faster charging. This intelligent and efficient allocation of power ensures optimal utilization at all times. The charging capabilities of the D100neo are highly flexible, allowing for versatile charging options.

So. Pro. So is Digital Power

D100neo excels not only in charging, but also as a versatile dual-output digital power supply. With just a few clicks on the menu, D100neo offers a voltage option, from 2V to 27V, with an adjustable increment of 0.1V. Additionally, the current can be adjusted from 0.2A to 10A, with a precision of 0.1A. This dual-output digital DC power supply provides two independently controllable power outputs, making it a versatile tool for various electronic testing and prototyping applications.

20W PD 3.0 Port Energize with Rapid Power Delivery!

With the 20W USB-C PD 3.0 charging port, our RC players can enjoy rapid charging speeds like never before. Whether you're charging your smartphones, tablets, or 2020 MacBook Airs, this powerful port ensures that you can fuel up your devices in a fraction of the time.

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.

ColorX: Easy to charge, Easy on eyes.

Get ready to be captivated by the sleek and modern ColorX interface by D100neo. The tailor-designed light cyan and green color scheme is optimized specifically for RC charging, which helps you focus on the setting. The Web 2.0 style, responsive menu, and well-designed icons make the operation more suitable for players accustomed to operating smartphones! Time to

say bye-bye to old-school typography and welcome the bold and beautiful brand-new UI. Charging doesn't have to be boring, and neither does life!

Seamlessly Connect, Effortlessly Upgrade!

Effortlessly connect your D100neo to your PC or Mac via the versatile Type-C port. With Charger Master, take full control and enhance your charging experience. Customize charging rates, monitor battery health, and optimize performance for longer battery life. Upgrade with ease using the app. Enjoy a fast and reliable upgrade process to enhance your charger's capabilities. Stay connected, stay updated, and enjoy a happier charging experience.

Package

1. SkyRC D100neo
2. Powwer cord AC
3. Manual

Specifications:

Case Material: PC-ABS V0
Case Size: 116*110*79mm
Weight: 470g
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: 100W MAX
DC: 200W 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
Battery

Battery Types/Cells:
LiPo/LiHV/LiFe/LiIon: 1-6cells
NiMH/NiCd: 1-15cells
Pb: 3S/6S/12S
Charge and Discharge
Charge current
LiPo/LiFe/LiIon/LiHV/NiMH/NiCd/Pb□0.2-10.0A

Discharge current
LiPo/LiFe/LiIon/LiHV/NiMH/NiCd/Pb□0.1-2.0A

Balance current
LiPo/LiFe/LiIon/LiHV□1.0A MAX

Operation
LiPo/LiFe/LiIon/LiHV: Balance CHG, Charge, Storage, Discharge
NiMH/NiCd: Charge, Re-Peak, CYCLE_C_D, CYCLE_D_C, Discharge
Pb: Normal, AGM Charge, Cold Charge, Discharge

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Discharge current
LiPo/LiFe/LiIon/LiHV/NiMH/NiCd/Pb□0.1-2.0A

Balance current
LiPo/LiFe/LiIon/LiHV□1.0A MAX

Operation
LiPo/LiFe/LiIon/LiHV: Balance CHG, Charge, Storage, Discharge
NiMH/NiCd: Charge, Re-Peak, CYCLE_C_D, CYCLE_D_C, Discharge

Pb: Normal, AGM Charge, Cold Charge, Discharge