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Link to the product:
https://www.skyrc.eu/skyrc-s100-neo-smart-balance-charger-acdc-100w200w-12a-6s-lipolifeliionlihv-p-756.html



SkyRC S100 neo Smart Balance Charger AC/DC 100W/200W 12A 6S LiPo/LiFe/LiIon/LiHV

Price	**41.43 Euro**
Availability	**Available in stock**
Shipping time	**24 hours**
Producer code	**SK-100202**
Manufacturer	**SkyRC**

Product description

SkyRC S100 neo Smart Balance Charger AC/DC 100W/200W 12A 6S LiPo/LiFe/LiIon/LiHV

Legendary Again: Evolution Never Stops

Building on the renowned legacy of the SkyRC e680, S100neo showcases an impressive AC 100W/DC 200W power capacity, blending versatility with powerful charging capabilities. The vibrant Color LCD screen enhances the user experience with intuitive navigation and easy monitoring. S100neo is more than just a charger; it also doubles as an advanced Digital Power Supply, offering precise and efficient charging with unparalleled accuracy in both Constant Current (CC) and Constant Voltage (CV) modes. At the cutting edge of RC charging technology, SkyRC's S100neo combines our time-tested performance with innovative features, perfectly catering to the ever-demanding RC enthusiasts.

Single Output, Coupled with Neo

Infused with our latest 'neo' technology for enhanced efficiency and power, S100neo is masterfully engineered to offer a highly focused and remarkably efficient charging experience, yet it remains power-packed. With dual power input, S100neo effortlessly provides up to 100W from an AC source and excels with a potent 200W output on a de facto standard XT60 DC plug for RC hobbyists. This versatility ensures that S100neo meets a wide range of charging demands, whether at your pit table or in the field.

Ready for Action Quicker with 12A

S100neo effortlessly charges at up to 12A, a notable advancement for RC aficionados who value charger current's critical role. Outperforming its predecessor, the e680, which peaks at 8A, S100neo not only accelerates the charging process but also ensures a more efficient power-up. Speed Meets Efficiency!

Charging Elevated with Unmatched Balance

Experience unparalleled precision in charging with S100neo's advanced balancing technology. With a robust balancing current of 1000mA, S100neo greatly surpasses the e680's 300mA, offering faster and more efficient battery balancing. This ensures each cell is optimally charged, achieving perfect harmony and peak performance.

Do More With One Charger! Multiple Chemistries Go.

With exceptional versatility, S100neo 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, S100neo is the reliable and adaptable choice that ensures optimal performance for all your batteries. Unlock the full potential of your battery arsenal with S100neo – versatility multiplied capability.

Discharging Multiplied by Balance Port

The built-in balance port enables S100neo to discharge faster, allowing it to discharge at up to 20W 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

S100neo is not only professional in charging but also can act as a digital power supply. After clicking on the menu, S100neo is ready for your application, offering an optimal voltage of 2-30V with 0.1V increment and adjustable 0.1-12A current.

Thermal Cut-Off

Crucial for RC enthusiasts, S100neo's Thermal Cut-Off* ensures battery safety and reliability. When a temperature sensor** is connected, the charger automatically halts charging at a preset temperature to prevent overheating. *Currently, Thermal Cut-Off is available for NiMH/NiCd batteries, with plans to extend it to other battery chemistries soon. *The Thermal Cut-Off feature is currently available for NiMH/NiCd batteries and will be extended to other chemistry batteries soon. **The optional temperature sensor cable (SK-600040-01) is not included with the charger and must be purchased separately.

Hush, easy! I am charging!

Even under full power load, S100neo's cooling fan operates at a maximum of 48 dB*, which is acceptable to most users. You can confidently study, fine-tune your pit work, or relax while charging without disruptions or distractions. We understand the importance of maintaining a peaceful atmosphere, and we have prioritized our charger's quietness. You have every right to focus on what truly matters to you.

ColorX

Step into the world of the Neo series chargers and discover the ColorX interface, where ease of use meets visual appeal. Designed specifically for RC charging, the light cyan and green color scheme enhances focus and adds a touch of style. Featuring a responsive Web2.0 menu and smartphone-like icons, the interface offers an intuitive user experience. Welcome a bold, new way of charging — where functionality meets fun.

Seamlessly Connect, Effortlessly Upgrade!

Effortlessly connect your S100neo 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. kyRC S100neo

2. Power cord
3. Manual

Case Material: PC-ABS V0
Case Size: 105*105*62mm
Weight: 340g
Display
Display Type: TN
Size: 1.77 inch
Panel Active Area: 28.03*35.04mm
Resolution: 128x160 Pixel
Number of Colors: 262K
Power
DC Input Voltage: 6-30V
AC Input Voltage: 100-240V 50/60Hz
Charger power:
AC: 100W MAX
DC: 200W MAX
Discharge power:
Max. 20W based on 6S(4.2V/S)
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□0.1-12.0A
Discharge current
LiPo/LiFe/LiIon/LiHV/NiMH/NiCd/Pb□0.1-2.0A
Balance current
LiPo/LiFe/LiIon/LiHV□Max. 1000mA
Operation
LiPo/LiFe/LiIon/LiHV: Balance charging, Charging, Discharging, Storage
NiMH/NiCd: Charge, Discharge, Cycle charge-discharge, Cycle discharge-charge, Repeat charge
Pb: Normal, Standard charge, Low-temperature charge, AGM charge/discharge
Add-on Features
Digital Power: CC/CV Mode
Brushed Motor Run-In
Battery Voltage Meter

Specifications:

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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□0.1-12.0A
Discharge current
LiPo/LiFe/LiIon/LiHV/NiMH/NiCd/Pb□0.1-2.0A
Balance current
LiPo/LiFe/LiIon/LiHV□Max. 1000mA
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