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Link to the product: https://www.skyrc.eu/skyrc-pc2500-2500w-45a-quad-channel-lipo-lihv-12s-14s-drone-charger-p-770.html



SkyRC PC2500 2500W 45A Quad Channel LiPo / LiHV (12S & 14S) Drone Charger

Price	**528.57 Euro**
Availability	**Available in stock**
Shipping time	**24 hours**
Manufacturer	**SkyRC**

Product description

SkyRC PC2500 2500W 45A Quad Channel LiPo / LiHV (12S & 14S) Drone Charger

SkyRC PC2500 is an intelligent charger that integrates CAN communication for smart batteries and ordinary lithium batteries. It can connect four batteries at the same time. The charger's maximum output power is up to 2500W, with three modes: Fast(Fast Charge), Charge(Slow Charge), Storage. The charger can recognize the batteries with customized CAN communication instantly. Charging is convenient and straightforward with a better user experience.

Intuitive Interface

Routine charging is made easy by the simple and intuitive interface with the operation procedure simplified. Users only need to select Fast(Fast Charge)/Charge(Slow Charge)/Storage and press the Start button to get the job started.

LCD Display Real-time data at a glance!

During the charging process, the screen displays charging time, battery percentage, and every single cell's voltage in real-time.

High Performance on Four Channels

A 16000 mAh battery can be fully charged in 15 minutes: charging time is saved significantly and charging efficiency is improved. With high power on four channels, four batteries can be charged simultaneously in slow charge mode at a maximum charging power of 2500W with the AC input 220V.* *If the voltage is lowered to 120V, the power will be reduced to no more than 1200w.

CAN Bus Ready

PC2500 charger comes with the built-in CAN Bus communication. It can charge both smart batteries and common lithium batteries with balance ports in different circumstances.

Battery Life Extended with Pre-charge

The charger can detect the battery pack's overall voltage through the balance port and intelligently adjust the charging current according to the battery voltage.

Optimized Design through the Convection Air Duct

The wing blade design reduces noise, provides high-wind performance, and significantly improves heat dissipation efficiency.

Effectively filtering dust and sediment with a high-quality ventilator

Ventilators are mounted at the end of the fan convection. They are detachable which are easy to remove and clean: dust, sand, and other harmful substances are effectively filtered.

Covering the charging ports with the premium and environment-friendly rubber cover while not in use can avoid corrosion and oxidation and extend the lifespan. Rubber Cover: better protection for the charging port

Compact but Powerful

PC2500 is highly optimized in structure, pursuing a better volume-to-power ratio. In a compact size, the charger powerful and easy to carry.

Innovative Circuit Design and More Optimized Algorithm

Efficiency is significantly improved, and reliability gets increased. Stability and durability are ensured through the stunning modular industrial design, considerate space layout, and selection of well-known brand components.

Better Protection with Conformal Coating

Anti-corrosion paint is applied to protect the key circuit's electronic components from extreme environments like moisture, mildew, and smoke corrosion. The charger's reliability and stability are ensured for outdoor work.

Package:

1. SkyRC PC2500
2. Power cord
3. Manual

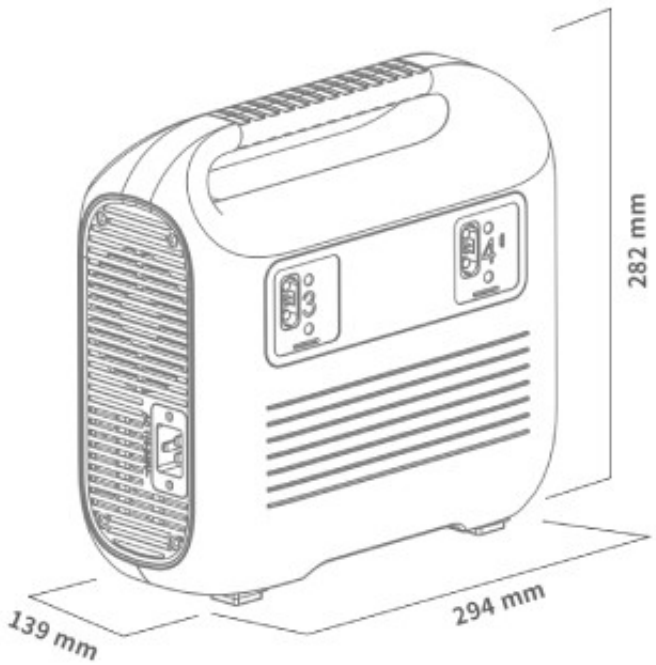
SPECIFICATIONS:

Size and Weight
Housing Material: Plastic (Flame Retardant PC+ABS)
Size: 294mmx139mmx282mm
Weight: 5.6Kg
Power Supply
AC Input: 100-240V
Charging Power:
AC220V：2500W
AC120V：1200W
Battery
Type：Lithium Battery
LiPo Battery Cells： 12S/14S
LiHV Battery Cells：12S

Charge/Discharge
AC 220V
Fast Charge Current: max. 45A single channel
Slow Charge Current: max. 20A single channel; max. 45A multi channels in total
AC 120V
Fast Charge Current: max. 1200W single channel
Slow Charge Current: max. 20A single channel; max. 1200W multi channels in total
Storage Discharge Power
Main Port: 75W Max.
Balance Port: 80W Max. (The current will be adjusted based on the balance port’s temp)
Max Charge Output Power
AC220V Output Power: 2500W
AC120V Output Power: 1200W
Discharge Power：60W
Charging Mode：Fast Charge, Slow, Storage
Working and Storage
Working Temperature: 0℃-40℃
Working Humidity: 0%-75%
Storage Temperature: -10℃-70℃
Storage Humidity: 0%-75%

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LiPo Battery Cells： 12S/14S
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AC 220V

Fast Charge Current: max. 45A single channel
Slow Charge Current: max. 20A single channel; max. 45A multi channels in total

AC 120V

Fast Charge Current: max. 1200W single channel
Slow Charge Current: max. 20A single channel; max. 1200W multi channels in total

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Main Port: 75W Max.
Balance Port: 80W Max. (The current will be adjusted based on the balance port’s temp)

Max Charge Output Power

AC220V Output Power: 2500W
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