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Link to the product: https://www.icharger.eu/junsi-icharger-306b-1000w-30a-lipo-6s-p-207.html



Junsi iCharger 306B 1000W 30A LiPo 6s

Price	**237.86 Euro**
Availability	**Not available**
Shipping time	**24 hours**
Number	**205**
Producer code	**iCharger 306B**
Manufacturer	**iCharger**

Product description

iCharger 306B Features

Safety
iCharger 306B is designed with safety as the number one priority. Numerous cutoff and safety features are offered to the user.

- Capacity Cut Off – User can set a capacity limit for a charge cycle. The charger will stop once this limit is reached, avoiding over charging of a battery. This is particularly useful for batteries that don't display normal characteristics during normal use or charge, normally as a result of poor quality or previous damage.
- Timer Cut Off – User set timer limit will terminate the charge process once the allocated time is reached.
- Internal Temperature Cut Off - Internal temperature sensor and temperature controlled automatic cooling FAN controls the internal temperature and provides intelligent protection. When the internal temperature of iCharger 306B is over 60℃(140 F), the output power is automatically reduced by 25%. If the temperature exceeds 65℃(149 F) the charge cycle is stopped.
- External Temperature Cut Off – Using an external temperature sensor, iCharger 306B will stop the charge cycle if the temperature of the battery exceeds user set level.
- Cell Count - Automatically checks number of cells in a pack to see if this matches user setting before beginning any function.
- Voltage Protections - The iCharger 306B has protection for reversed polarity (input or output), as well as low input voltage.

Battery Types
iCharger 306B can charge any type of battery chemistry. Including all popular Lithium battery chemistries (Lipo, LiFe, LiLo), Nickel Metal Hydride (NiMh), Nickel Cadmium (NiCd), Sealed Lead Acid, Deep Cycle Lead Acid, Starter Lead Acid batteries and much more.

Balance Charge Options
The iCharger 306B has a built in integrated cell balancer and can be used with three types of lithium batteries (LiPo, Lilo, LiFe). iChargers design uses accurate balancing techniques to ensure that the voltage of each individual cell is the same during charge. Other battery chargers evaluate batteries charge state based on the total voltage of the pack, not each individual cell.
Greater control over balance charge setting. Ability to either set to start balance charging when voltage reaches a user set value, or start balancing from beginning or part way through the (Lithium) charge cycle. Feature set balance settings offers greater user control of the charge cycle.

Battery Monitoring
Unique battery monitor function. Allowing user to monitor battery voltage (per cell), temperature, power and much more while in normal use. This is a unique function that offers options to compare battery performance, check the condition of a battery, as well as establish if the battery is suitable for its intended application.

Storage Charge
Storage charge function that charges the battery to a user set capacity. Essential for long term storage and care of the battery.

Power
iCharger 306B is a true 20amp battery charger. Boasting 350w of power which ensures that 20amps is available no matter what size the battery is being charged. Most "amp" ratings on other charging products available are not an accurate representation. They do not have high enough voltage to deliver the rating with medium to large sized batteries.

Unique Lithium battery expanding discharge program. When an external capacity resistor is connected, iCharger 306B produces a maximum discharge power capacity of 1200W (@40V/30A).

Size
iCharger is a compact range of chargers, proven to have the smallest size to power ratio of any charging product available today. iChargers size is achieved by innovative circuitry design features that allow the charger to operate at 90% efficiency. As well as adopting external discharging functionality, icharger does not need large heat sinks and ventilation, reducing the overall size of the product considerably.

Noise
iCharger 306B fan is only activated if the internal temperature reaches high levels or during high current discharge. This reduces noise unless it is completely necessary.

Variable Input Voltage
iCharger integrated circuitry utilises revolutionary design to use variable input voltage, producing a regulated output to match the battery being charged. For example, iCharger can charge a 12v battery using a 6v input voltage. This unique circuit design offers incomparable versatility.

PC Compatibility
iCharger 306B is firmware upgradable via its USB connection to a PC.
iCharger 306B supports “logview” software. Allowing analysis and display of charge and discharge data. This gives you an extremely accurate comparison and analysis of battery condition and performance.

Regenerative Discharge
iCharger 306B adopts a unique functionality allowing the user to make use of depleted energy in a discharge cycle. It sends wasted energy back to the power source and in turn, recharges the power source at the same time. The power source in this instance needs to be rechargeable, such as an automotive battery or any other rechargeable battery. Regenerative discharge also offers the opportunity to achieve discharge ratings (both amps and watts) similar to the chargers output rating.

More Features
Battery internal resistance measurement. The iCharger 306B can not only measure the internal resistance of the battery pack, it can also measure the per-cell internal resistance.
Convenient set of 10 battery profile memories that can be saved and loaded by number. These can be used to store settings such as charge current, cell count, discharge current, capacity and user set safety settings.
Backlit LCD screen consisting of 2x16 characters providing rich information including active mode, current, voltage, total charge (mAh), charging time, temperature and per cell voltage (for Lithium batteries in balance mode).
Electric motor test mode can be used to run-in electric motors, test motor parameters, performance and check tolerances.
Foam-cut drive. In this mode, the charger acts as a convenient power supply for a hot wire foam cutter.

Junsi iCharger 306B 1000W 30A LiPo 6s iCharger 306B in the shop **RcHubiQ**

Specifications:

SPECYFIKACJA TECHNICZNA : iCharger 306B

Napięcie zasilania: **DC 4,5V-38 Volts**
Moc ładowania: **Max 1000W przy nap. zas. > 23V, 500W przy nap. zas > 12V**
Moc rozładowywania: **Max. 80W**
Zakres prądów ładowania: **0.05-30.0A**
Zakres prądów rozładowywania: **0.05-30.0A**
Prąd balansera Li-po: **300mA/cell**
Liczba ogniw NiCd/NiMH: **1-25cells**
Liczba ogniw Li-ion/Fe/Polymer: **1-6cells**
Zakres napięcia akumulatora Pb: **2-36V**
Waga netto: **750g**
Wymiary: **143x123x46mm**

Instrukcja i parametry:

http://www.icharger.pl/manuals/306B_en.pdf