

## B6 Ultimate 400W Charger (SK100017)



### Optimized Operating Software

B6 Ultimate 400W features the so-called AUTO function that set the feeding current during the process of charging or discharging. Especially for Lithium batteries, it can prevent the overcharging which may lead to an explosion due to the user's fault. It can disconnect the circuit automatically and alarm once detecting any malfunction. All the programs of this product were controlled through two way linkage and communication, to achieve the maximum safety and minimize the trouble. All the settings can be configured by users!

## **Internal Independent Lithium Battery Balancer**

SKYRC B6 Ultimate 400W employs an individual-cell-voltage balancer. It isn't necessary to connect an external balancer for balance charging.

## **Balancing Individual Cells Battery Discharging**

During the process of discharging, SKYRC B6 Ultimate 400W can monitor and balance each cell of the battery individually. Error message will be indicated and the process will be ended automatically if the voltage of any single one cell is abnormal.

## **Fast and Storage Mode Lithium Charge**

Purposes to charge lithium battery varies, 'fast' charge reduce the duration of charging, whereas 'store' state can control the final voltage of your battery, so as to store for a long time and protect useful time of the battery.

## **Cyclic Charging/Discharging**

1 to 5 cyclic and continuous process of charge>discharge or discharge > charge is operable for battery refreshing and balancing to stimulate the battery's activity.

## **Data Store/Load**

For user's convenience, it can store maximum 10 data of different batteries. You can establish the data contains program setting of the battery to charge or discharge. These data can be called back at any time you need and the process can be executed without program setting.

## **Adaptable to Various Types of Lithium Battery**

SKYRC B6 Ultimate 400W is adaptable to various types of Lithium batteries, such as Li-ion, LiPo and the new LiFe series of batteries.

## **Automatic Charging Current Limit**

You can set up the upper limit of the charging current when charging your NiMH or NiCd battery, it is useful for the NiMH battery of low impedance and capacity in the 'AUTO' charging mode.

## **Capacity Limit**

The charging capacity is always calculated as the charging current multiplied by time. If the charging capacity exceeds the limit, the process will be terminated automatically when you set the maximum value.

## **Temperature Threshold**

The battery's internal chemical reaction will cause the temperature of the battery to rise. If the temperature limit is reached, the process will be terminated.

## **Processing Time Limit**

You can also limit the maximum process time to avoid any possible defect.

## **Maximum Safety**

Delta-peak sensitivity: The automatic charge termination program based on the principle of the Delta-peak voltage detection. When the battery's voltage exceeds the threshold, the process will be terminated automatically.

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|--------------------|--|
| Input Voltage      | DC Input: 12-18V   |
| Display Type       | 2x16 LCD screen  |
| Display Backlight  | Blue   |
| Case Material      | Metal  |
| Balance Current    | 300mA/cell   |
| Maximum Cells      | LiPo/LiFe/LiIon: 1-6 cells<br>NiMH/NiCd: 1-15 cells<br>Pb: 2-20V |
| Charge Current     | 0.1-20A  |
| Charge Wattage     | 400W   |
| Discharge Current  | 0.1-5A   |
| Discharge Wattage  | 25W  |
| Balance Cells      | 6 cells  |
| Weight             | 720g   |
| Dimensions (LxWxH) | 145x141x60mm   |

## DOWNLOADS