B6 Ultimate 200W X2 Charger (SK100038)

Optimized Operating Software

B6 Ultimate 200W X2 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 200W X2 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 200W X2 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

The maximum ten batteries' data can be stored for each output(10X4SET). You can keep the data pertaining to program setting of the battery of continuous charging or discharging.
Users can call out these data at any time without any special program setting.

USB Power Supply

The USB power supply can provide 5V, 1A continue current. You can power your mobile phone, digital camera or even iPod via the USB power supply.

PC based Analysis using USB Communication (Output 1 only)

The B6 Ultimate 200W X2 is fitted with a mini USB port on the front side of the case; a USB cable(not included) can be connected to this socket in order to link the charger to a PC. "Charger Monitor" program enable you to view graphs of charge and discharge curves, with a capacity, voltage, temperature and ampere display, and individual curves can be individually suppressed or superimposed to allow a visual comparison of the data. "Charger Monitor" software can be downloaded from our website.

Adaptable to Various Types of Lithium Battery

SKYRC B6 Ultimate 200W X2 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.

TECHNISCHE DATEN

Input Voltage	DC Input: 12-18V
Display Type	2x16 LCD screen
Display Backlight	Blue
Case Material	Plastic
Balance Current	200mA/cell
Maximum Cells	LiPo/LiFe/LiIon: 1-6 cells
	NiMH/NiCd: 1-15 cells
	Pb: 2-20V
Charge Current	0.1-10A
Charge Wattage	2x200W
Discharge Current	0.1-5A
Discharge Wattage	2x25W
Balance Cells	6 cells
Weight	740g
Dimensions (LxWxH)	200x135x57mm

DOWNLOADS

[PC Software Charge Monitor (2,6 MiB)](#)