Ultimate Duo 700W/30A Balance Charger/Discharger (SK100087)

SKYRC Ultimate Duo is a twin-channel charger with two independent circuits which can charge two different kinds of batteries simultaneously. The Ultimate Duo 700W 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!
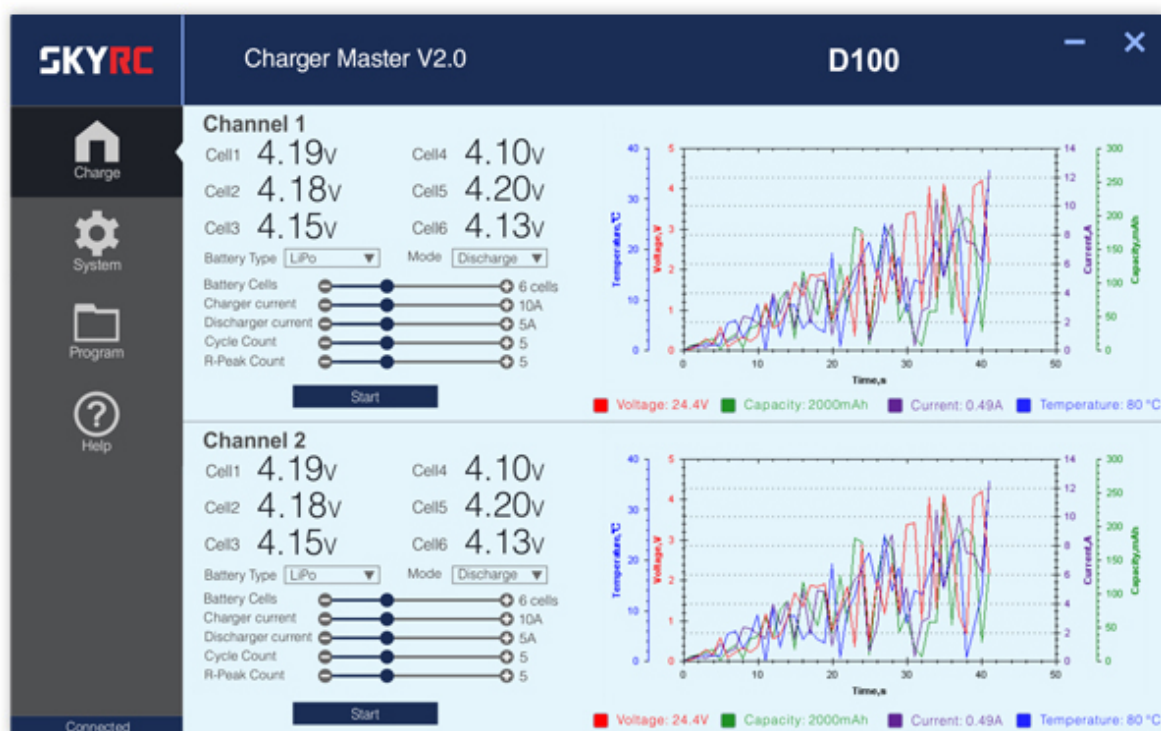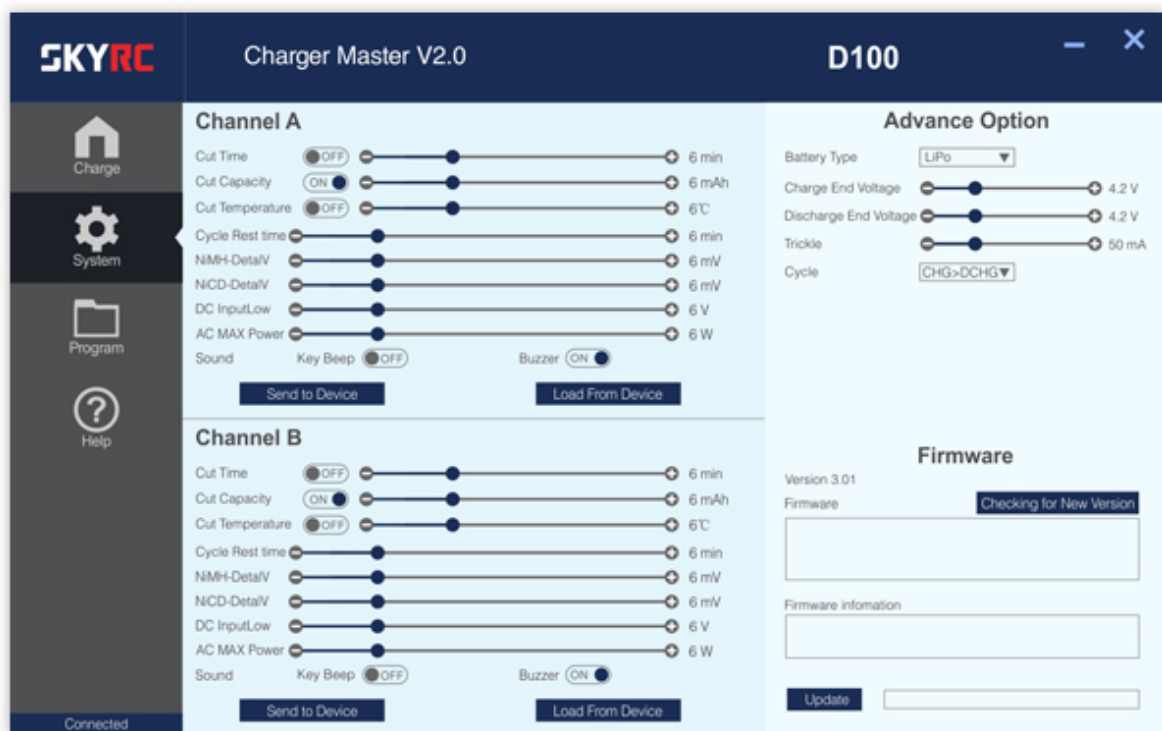
Features

- Channel Synchronous Mode
- High Efficiency with Synchronous Rectification Techniques
- LiHV Mode Available
- Balance Port for Charging/Discharging
- Terminal Voltage Control
- Re-Peak Mode for NiMH/NiCd Battery
- Battery Meter
- Battery Internal Resistance Meter
- PC Communications: USB Port for PC Control & Firmware Upgrade
- Smart Phone Control & Monitor via Wi-Fi Module(SK-600075 Optional Part)
- Maximum Safety Protection

Charge Master

The user can monitor pack voltage, cell voltage and other data during the charging, view charge data in realtime graphs, and can also control charging and update firmware from "Charge Master".

(Note: shown for D100 but is the same for Ultimate Duo version)

TECHNICAL DATA

Input Voltage	DC 11-30V
Charge Circuit Power	DC Input 2x 700W
Discharge Circuit Power	2 x 30W
Charge Current	0.1 - 30.0A
Discharge Current	0.1 - 5.0A
Balance Port Charge Current	10 - 500mA
Current Drian for Balancing Port	Max. 800mA / cell
Trickle Charging Current	50mA - 300mA & OFF
Display Backlight	Blue
Case Material	Alloy
Maximum Cells	LiPo/LiFe/LiIon: 1-8 cells
	NiMH/NiCd: 1-20 cells
	Pb: 2-24V

DOWNLOADS

[SKYRC Charge Master Windows Software v3.01 (2.5 MiB)](#)