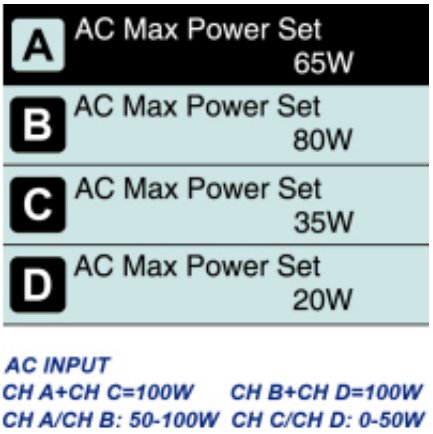
Q200 300W/10A Balance Charger/Discharger (SK100104)

SKYRC Q200 is a quattro charger with four independent circuits which can charge four different kinds of batteries simultaneously. It also supports power distribution in AC mode to get max charging power to shorten charging time. What's more, users could set the terminal voltage by themselves and connect it to PC for PC control and firmware upgrade. Besides that, users could also use it as Lithium Battery Meter and Battery Internal Resistance Meter as well. There are Automatic Charging Current Limit, Capacity Limit, Temperature Threshold and Processing Time Limit which makes the charger safe to use.

4
Independent Circuits

480×320
Color LCD Display

4 Channels
Power Distribution



Power Distribution

In AC mode, it supports power distribution, for example, Channel A = 65W and C = 35W, then Channel B = 80W and D = 20W, the total power is 200W.

4 Charging Qutputs

The charger can handle up to four different battery types at the same time and charge them simultaneously.

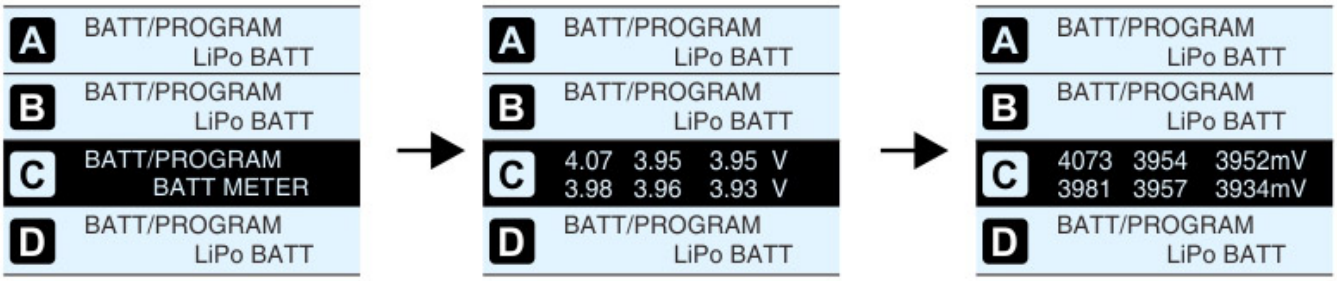
As well it has a LIHV Mode Available

The additional LiHV mode is able to charge the new generation of LiPo batteries with an end of charge voltage of 4.35 V.

Voltage Calibration

During the manufacturing process every Q200 production unit gets tested and calibrated after highest

factory standards. Ambitious users who trust their own expensive equipment more or who prefer their personal fluke to serve as reference have the possibility to adjust the Q200 factory calibration by a few counts.

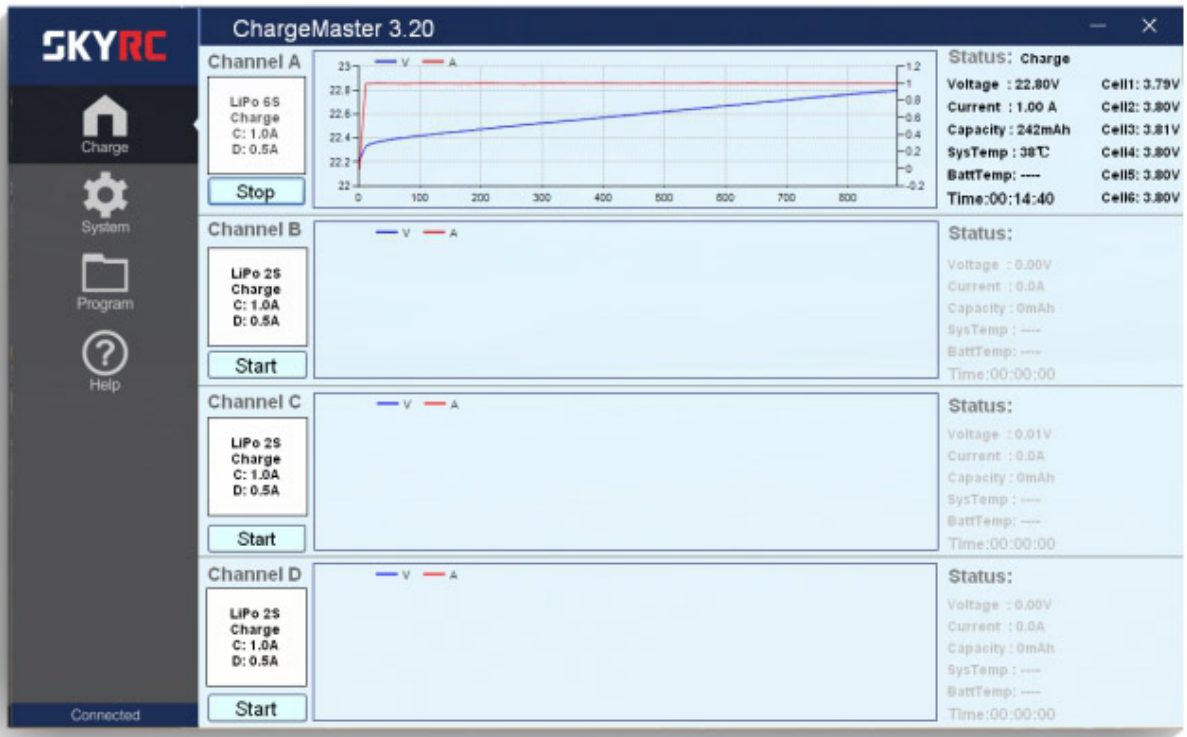


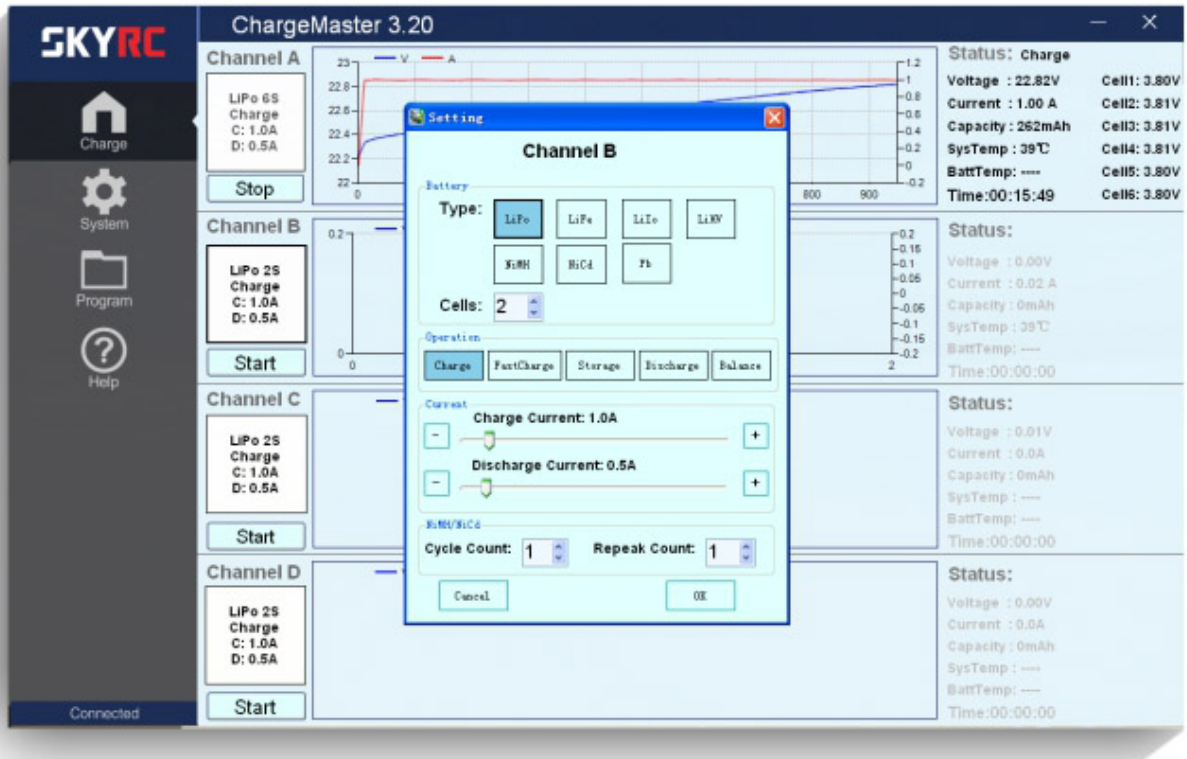
Features

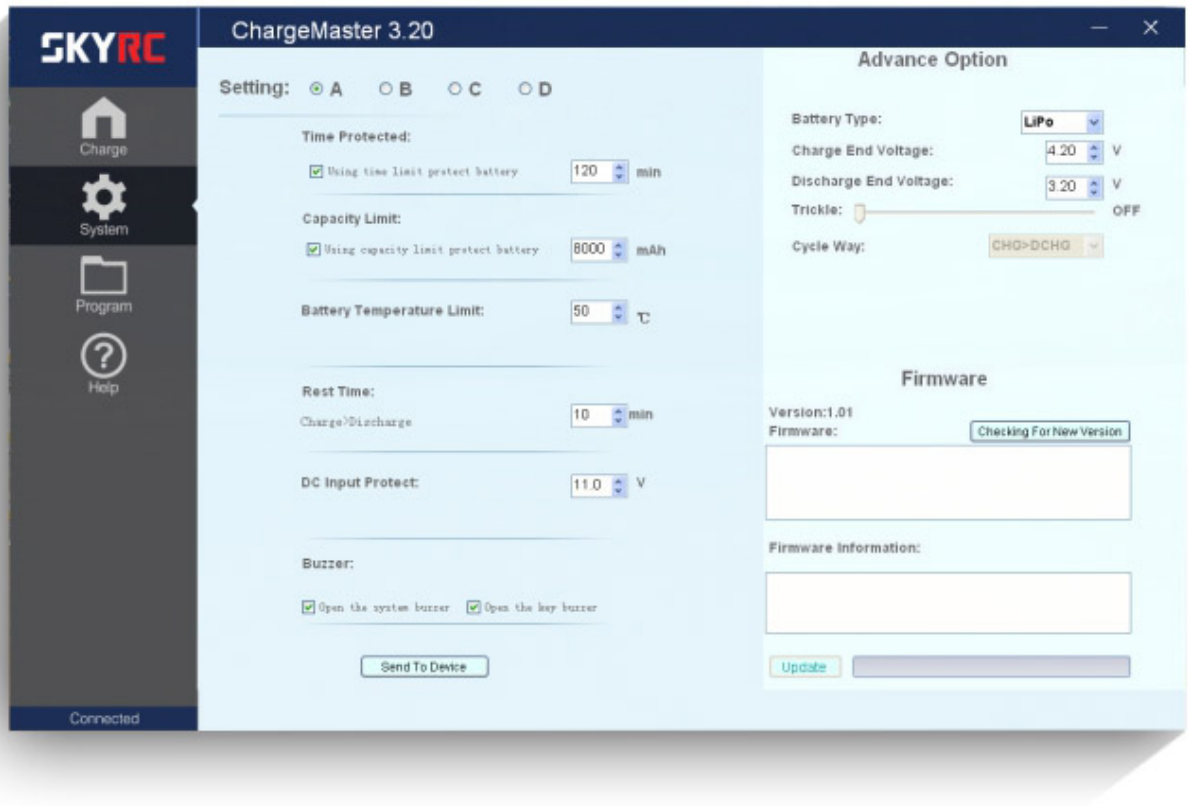
- Large screen LCD
- Terminal Voltage Control
- Re-peak Mode for NiMH/NiCd Battery
- Battery Meter
- Battery Internal Resistance Meter
- PC Communications: USB Port for PC Control & Firmware Upgrade
- "Scan to Go" function with the SkyCharger App
- Four channels charge four different kinds of batteries simultaneously
- Support charging power distribution intellectively when operating with AC input

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".


SKYRC
ChargeMaster 3.20
Charge
System
Program
Help
Connected
Channel A
LiPo 6S
Charge
C: 1.0A
D: 0.5A
Stop
Status: Charge
Voltage : 22.80V
Current : 1.00 A
Capacity : 242mAh
SysTemp : 38℃
BattTemp: ----
Time:00:14:40
Cell1: 3.79V
Cell2: 3.80V
Cell3: 3.81V
Cell4: 3.80V
Cell5: 3.80V
Cell6: 3.80V
Channel B
LiPo 2S
Charge
C: 1.0A
D: 0.5A
Start
Status:
Channel C
LiPo 2S
Charge
C: 1.0A
D: 0.5A
Start
Status:
Channel D
LiPo 2S
Charge
C: 1.0A
D: 0.5A
Start
Status:


SKYRC
ChargeMaster 3.20
Charge
System
Program
Help
Connected
Channel A
LiPo 6S
Charge
C: 1.0A
D: 0.5A
Stop
Status: Charge
Voltage : 22.82V
Current : 1.00 A
Capacity : 262mAh
SysTemp : 39℃
BattTemp: ----
Time:00:15:49
Cell1: 3.80V
Cell2: 3.81V
Cell3: 3.81V
Cell4: 3.81V
Cell5: 3.80V
Cell6: 3.80V
Setting
Channel B
Battery
Type:
LiFe
Cells: 2
Operation
Charge
FastCharge
Storage
Discharge
Balance
Current
Charge Current: 1.0A
Discharge Current: 0.5A
Cycle Count: 1
Repeak Count: 1
Cancel
OK
Channel B
LiPo 2S
Charge
C: 1.0A
D: 0.5A
Start
Status:
Channel C
LiPo 2S
Charge
C: 1.0A
D: 0.5A
Start
Status:
Channel D
LiPo 2S
Charge
C: 1.0A
D: 0.5A
Start
Status:



Enhance your charger with the SkyCharger APP

The Bluetooth 4.0 connectivity allows the user to remote control and monitor the Q200 comfortably through an app on a portable device such as smartphone, iPad, or iPhone. The iOS app can be downloaded from iTunes Store, the Android app from Google Play Store. Operation of the app is self-explanatory and the same on iOS and on Android. Explicit pairing is not required; after download and installation just activate Bluetooth on your mobile device and launch the app. Q200 and your device will establish Bluetooth connection automatically.

Available on the App Store

ANDROID APP ON Google play

Scan with your **Smartphone** to download.

TECHNICAL DATA

Input Voltage	AC 100-240V DC 11-18V
Charge Circuit Power DC Input	CH "A" & CH "B" = 100W CH "C" & CH "D" = 50W
Charge Circuit Power AC Input	CH "A" + CH "C" = 100W CH "B" & CH "D" = 100W or CH "A" / CH "B" = 50-100W CH "C" / CH "D" = 0-50W

Discharge Circuit Power	4 x 10W
Charge Current Range	CH "A" / CH "B" = 0,1-10A CH "C" / CH "D" = 0,1-5A
Discharge Current Range	0.1 - 2.0A (4x)
Current Drian for Balancing Port	Max. 200mA / cell
Trickle Charging Current	50mA - 300mA & OFF
Display Backlight	Blue
Case Material	Plastic
Maximum Cells	LiPo/LiFe/LiIon: 1-6 cells NiMH/NiCd: 1-15 cells Pb: 2-20V
Weight	1325g
Dimensions (LxWxH)	197x182x71mm

DOWNLOADS

SKYRC Charge Master Windows Software for Q200 (2.7 MiB)