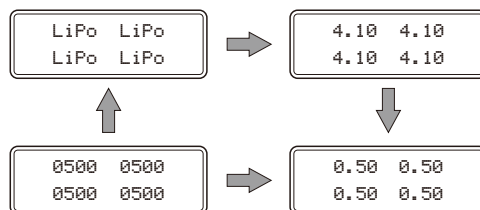


5. Connect to the battery, charging process

Please connect the battery to the right battery connector, the charger will automatically charge the batteries.

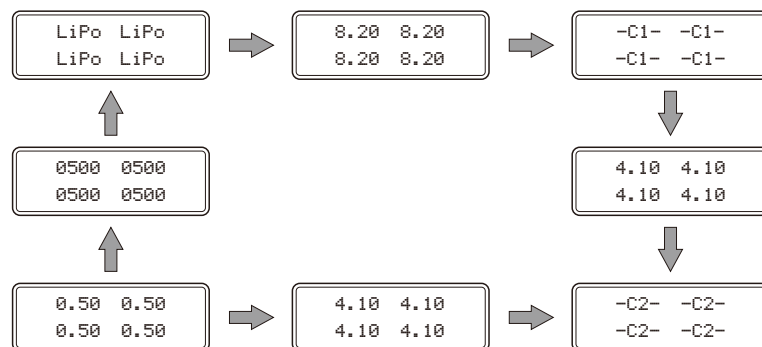
During the charging process, the LED indicators will flash in red color and the LCD screen will display relevant charging data, for different battery, different display interface.

(1) Charging 1S LiPo/LiHV battery



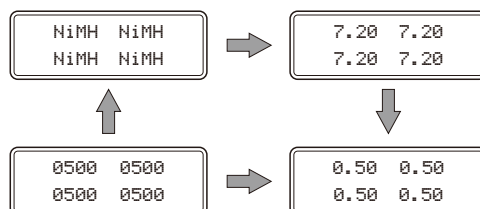
battery type -battery voltage -charging current- battery capacity of each port circularly.

(2) Charging 2S LiPo/LiHV battery



battery type -total voltage -1st cell voltage-2nd cell voltage-charging current- battery capacity of each port circularly.

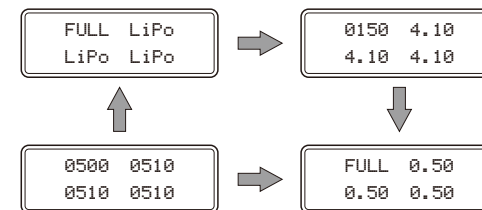
(3) Charging NiMH/NiCd battery (Note: the NiCd charging interface is the same as NiMH)



battery type -battery voltage -charging current- battery capacity of each port circularly.

Above display interface are for charging one battery type in a time, when you charge different battery types(LiPo/ LiHV/NiMH/NiCd) simultaneously, the display data of each channel will be consistent with the above corresponding battery type.

Once one battery completed charging, the LED indicator will stay in green color and the LCD screen will display: FULL-battery capacity, as below picture.



Multiple Protection Function

1. Low/High voltage protection

When the DC input voltage lower than 7.0V, the device will stop charging and appear the error message " DC Input Low". When use the battery as the power source, please remove the battery as soon as possible.

DC Input Low
Input: 6.5V

When the DC input voltage higher than 17.0V, the device will stop charging and appear the error message " DC Input High", at this situation, please change the input power source quickly, the continuous high voltage may burn the charger.

DC Input High
Input: 17.5V

2. Battery reverse polarity protection: The device can check the battery polarity of each channel , the wrong polarity battery connected can not be charged.

3. Over-voltage protection: when the cell voltage higher 100mV than the Saturation voltage it is, the charger will stop charging and appear the error message.

If channel 1 LiPo voltage is 4.30V, the device will appear below error message, and for this moment, the charger will stop charging for this channel, so that the battery can be protected from overcharging.

-OC- LiPo
LiPo LiPo

4. Over-current protection: when the charging current over 1.20A, the charger will stop charging and appear the error message like channel 1, as below.

-OC- LiPo
LiPo LiPo

Warning Information

Never attempt to connect two or more batteries in one channel, it can be only allowed to insert one battery into one channel, otherwise, it will cause charger broken.

Warranty and Service

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes. You will be required to produce proof of purchase (invoice or receipt). This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification or as a result of failure to observe the procedures outlined in this manual.

ULTRA POWER

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