

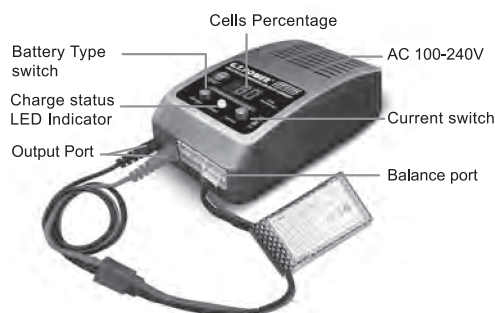
# Manual of SD6 multi-functional charger

Thank you for choosing our product, which is simple and easy to use. But you also need to have a good command of corresponding knowledge. Please read the manual seriously before using the product.

## ■ Features

- The blue digital tube displays the percentage of each single cell, which can be seen the present condition.
- It support to the Li-Po, Li-Fe, Li-Hv and Ni-MH/Ni-Cd batteries.
- The maximum current is 6A, and it can be charged quickly for the less cells.

## ■ Appearance



## ■ Specifications

- Input voltage: AC 100V-240V
- Support battery: Li-Po, Li-Fe, Li-Hv, Ni-MH/Ni-Cd
- Cell counts: 2-6s for Li-Po/Li-Fe/Li-Hv cells, 4-10s for Ni-MH/Ni-Cd cells
- Charge current range: 0.5A/1A/1.5A/2A/2.5A/3A/3.5A/4A/5A/6A
- Output power: Max 50W

## ■ Charging Process

1. Power on the AC power supply.
2. It means the charger is working normally when the blue LED which in the middle flashing.
3. Long press the left button to select the correct battery type(in order: LiPo, LiFe, LiHv, NiMH, NiCd)
4. Please choose the charge current (0.5A/1A/1.5A/2A/2.5A/3A/3.5A/4A/5A/6A) by the right key.
5. Please connect to the main connector in front of the charger, if the battery is Lipo/Life/LiHv, then also should be connect the corresponding balancing port.

6. Charging begins at this time with the red LED in the middle keep lighting. The Digital tube displays the power percentage of each single battery when the battery is Li-Po/Li-Fe/LiHv, and it displays the total voltage of the battery pack when the battery is Ni-MH or Ni-Cd.
7. The LED in the middle turns to purple and keep lighting when charging is full and enter into the CV Model. The LED in the middle turns to blue and keep lighting when fully charge.
8. The LED turns to blue and flashing after plug out the battery. Then the next battery can be charged.

## ■ Notes

1. Please make sure the correct setting of the input power and battery's type and current.
2. Please do not change battery type when it is charging and the battery need to re-insert and re-check if the digital tube displays "Err".
3. Keep the chargers away from dust, moisture, rain, heat, direct sunlight, and shock, don't drop it.
4. Chargers and batteries must be placed in a non-flammable and insulated area, do not put it in a car seat, carpet or other similar places, keep all flammable, volatile matter away from operating area.

## ■ ERR Type

The digital tube will show Err( X=1-7) if the operation is wrong or there is a false for charging, then it will stop the charging automatically and should be clear up the "Err". Sometimes it should be re-plug the battery to clear up some Err. Please refer to the following Err type:

1. Lipo /Life/LiHv battery connect Error
2. Short circuit Error
3. Lipo/Life/LiHv sigle battery voltage unusual
4. Inversed connect Error
5. Switching the wrong battery type when charging
6. NiMH/Nicd battery total voltage Error
7. NiMH/Nicd battery connect the wrong balance port.

## ■ Warranty Clause

The product is guaranteed to be free for a period of 1 year from the date of invoice and the warranty is suitable for quality problems of after-sale. Within warranty period, the warranty applies repair and replace service for free due to the quality problems of the invoice or receipt date issued by our company. However, the repair and replace service won't not be provided under the damages by abrasion, overload, man-made factors and misuse for accessories and so on.

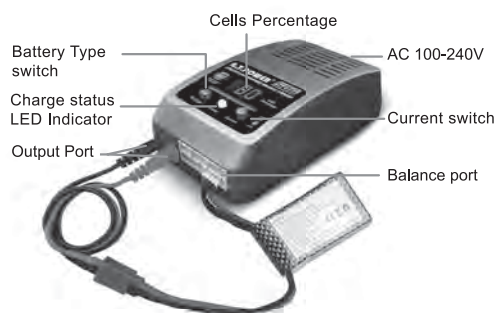
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