

Manual of SD4-III multi-function charger

Thank you for choosing our products, 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 digital tube displays the percentage of each single cell, which can be seen the present condition.
- It support to the Li-Po, Li-Fe and li-Hv Ni-MH/Ni-Cd batteries
- The maximum current is 4A, and it can be charged quickly for the less cells.

■ Appearance



■ Specifications

- Input voltage : AC 100V-240V
- Output power : max 50W
- Charge current range : 0.5A/1A/1.5A/2A/2.5A/3A/3.5A/4A
- LiPo/LiFe/LiHv battery cell counts: 2-4s
- NiMH/NiCd battery cell counts : 4-8s

■ Charging Process

1. Power on the AC power supply
2. The charger working normally when the LED in the middle turns into flashing Green
3. Please choose the right battery's type (Li-Po/Li-Fe/Li-Hv/Ni-MH/Ni-Cd) with Key (long press)
4. Short press the right key to select the max charging current (0.5A/1A/1.5A/2A/2.5A/3A/3.5A/4A)

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, Li-Hv, and it will 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 Orange and keep lighting when charging is full and enter into the CV Model.The LED in the middle turns to Green and keep lighting when fully charge.
8. The LED in the middle turns into flashing Green after plug out the battery. Then the next battery can be charged.

■ Notes

1. Please make sure the input power and battery's type are suitable for corresponding parameters.
2. In order to ensure the safety of charging, the batterytype should be Lipo, while the current is the last setting of current value.
3. Please do not change battery type when it is charging, and the battery need to re-insert if the Digital tube displays "Err".
4. Keep the chargers away from dust, moisture, rain, heat. Direct sunlight, and shock, don't let it drop.
5. Chargers and batteries must be placed in insulated, non-flammable and insulated surface, do not put it in a car seat, carpet or other similar places, keep all flammable, volatile matter away from operating area.



Special Warning: This LiHV mode support 4.35V Lithium battery only. This function is not available for any other battery type, do not charge battery such as LiPo, Lilon or LiFe which voltage is 4.20V or the cut-off voltage is under 4.20V. Otherwise it may cause fire or explosion.

■ 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 be provided under the damages by abrasion, overload, man-made factors and misuse for accessories and so on .

SD4-III 多功能充電器使用說明書

感謝您選擇我公司的產品，該產品簡單易用，但它的操作也需要用戶掌握一些相關知識，為了能夠更好而且安全的使用本產品，請在使用前完整的閱讀本手冊。

■ 產品特點

- 數碼管顯示每節電池的百分比，能夠清楚的了解每節電池當前狀態。
- 支持主流的Li-Po, Li-Fe, Li-Hv, Ni-MH, Ni-Cd多種電池類型，一機多用。
- 最大充電電流可達4A，低電池節數時可以較快的完成充電。

■ 產品外觀



■ 產品參數

- 輸入電壓：AC 100V-240V
- 最大輸出功率：50W
- 充電電流：0.5A/1A/1.5A/2A/2.5A/3A/3.5A/4A
- 支持Li-Po, Li-Fe, Li-Hv節數：2-4s
- 支持NiMH/NiCd節數：4-8s

■ 充電過程

- 1、將充電器接通AC電源。
- 2、充電器中間指示燈綠色閃爍，此時表示充電器工作正常。
- 3、通過左邊按鍵（長按）選擇正確的電池類型(LiPo/LiFe/LiHv/NiMH/NiCd)。

- 4、通過右邊按鍵（短按）選擇充電電流(0.5A/1A/1.5A/2A/2.5A/3A/3.5A/4A)。
- 5、連接充電器前端的主電池接口，如果是LiPo/LiFe/LiHv電池則還需要連接充電器對應的平衡口。
- 6、此時充電器開始充電，充電器中間指示燈紅色常亮。當電池為LiPo/LiFe/LiHv時，數碼管則顯示每節電池的電量百分比；當電池為Ni-MH/Ni-Cd時，數碼管則顯示電池組的總電壓。
- 7、當電池充滿時進入CV模式，中間指示燈轉為橙色常亮（LiPo/LiFe/LiHv）；當電池完全充滿時，中間指示燈轉為綠色常亮。
- 8、拔出電池後，指示燈轉為綠色閃爍，此時則可為下一組電池充電。

■ 注意事項

- 請在使用前確認輸入電源和電池類型與本產品的參數適合。
- 為了保證充電安全，充電器每次通電時電池類型均為LiPo，而電流則為上次設定的電流值。
- 充電時請勿切換電池類型，如數碼管顯示Err，則需拔出電池重新插入。
- 保持充電器遠離灰塵，潮濕，雨淋，熱源陽光，直射以及震動，不要讓它跌落。
- 充電器和電池必須放置在隔熱，不易燃，絕緣的表面，不要將它放在汽車座位，地毯或類似的地方，保持所有易燃，易揮發物遠離操作區域。

⚠ 特別警告：該LiHv模式只支持4.35V鋰電池，其他類型電池禁用該功能，絕不可以在此模式下對4.20及以下截至電壓的LiPo、LiIon、LiFe電池充電，否則會帶來電池起火燃燒或者爆炸。

■ 保修條款

我們對所購買的產品質量保1年，自購買之日起，這個質保只適用於產品在購買後出現產品質量問題。在產品保修期間，只要您憑借購買憑證（發票或收據）一切有質量問題的產品都可以免費維修或更換。但由於磨損，超負荷，人為操作不當所造成的損壞，則不予以免費維修或替換。