

I. Charger specifications and functions:

1. DC12V1A (nominal) input, two-slot independent charging and microcomputer management system.

2. The biggest highlight of this charger is that you can charge the battery regardless of polarity!

3. There are three levels of charging current: 0.5A / 1.0A / 2.0A. The default charging is 0.5A. You can press and hold the corresponding button to select the charging current.

4. During charging the LCD can display the channel CH and the charging current, voltage, time, capacity and battery type of the channel Li-Fe 3.20V / Li-ion 3.70V / Li-ion 3.85V (IMR). The charging current of the two slots does not exceed 2A in total. When one of the slots is charged with 2A current, and then the battery is charged in the other slot, the front 2A current will drop. Charge to 1A current; when the battery is fully charged, the LCD will display FULL.

5. Automatic recognition of Li-Ion 3.70V and Ni-MH batteries, manual selection of lithium iron phosphate battery (3.20V) and Li-Ion 3.85V battery.

6. With 0V voltage activation function, 1.65-2.20V cannot be charged (but there will be activated current trickle charging).

7. With multiple safety protection functions such as overcharge, overdischarge, short circuit, etc., it can intelligently and automatically identify bad batteries.

8. Charging mode: constant current and constant voltage.

II. Buttons and display:

1. Button (Mode): 2 buttons each control one slot. Within 5 seconds after the battery is powered on, click the Mode button of the corresponding slot to select the type of rechargeable battery. Press and hold the Mode button to select the charging current. Determine the type of battery that needs to be charged (such as 3.20V / 3.80V) and stop the operation after charging current, and enter the charging state after 5 seconds. You cannot switch the battery type during the charging process, but you can click the button to light up the backlight and long Press to switch the current.

2. LCD: After the charger is connected to the power supply, the LCD display will be displayed for about 2 seconds, and then display null. When the battery is detected,

the LCD displays the corresponding slot number, battery voltage and current, and the battery type symbol flashes (NiMH / Nickel-cadmium 1.2V no battery type symbol blinks), after 5 seconds, it will enter the default recognition to charge the battery. At this time, the charging display "%" symbol flashes to indicate that charging is in progress, and END is displayed when charging is complete.



III. Electrical technical parameters:

1. Input power: DC 12V 1A.
2. Output voltage: DC 4.20V for Li-Ion, DC 3.5V for IMR, DC 3.65V for LiFePO4, DC 1.48V for NiMH / Ni-Cd.
3. Output current (optional): Li-Ion / IMR / LiFePO4: 2000mA * 1 (only one) / 1000mA * 2 / 500mA * 2, NiMH / NiCd: 500mA.
4. Constant current / constant voltage charging, cut-off current: <100mA.
5. No-load standby current: <15mA.