



User Manual

Please read this manual before using this charger so that you can understand it better of Ni-MH/Cd battery charging performance and safe use.

6. Protection for over-charge and over-discharge and short circuit. Identify broken battery and polar reverse inspection
7. Charging under constant voltage and current
8. Input by DC interface and working voltage is 5V-2A (Micro plug)
9. Built with 5V/1000mAh USB discharge (output) function

Button, LED and function

1. Buttons: While electricity is connected, 1) press the button to change the battery type, it will start to charge 5 seconds after setting the battery type (3.2V or 3.85V), 1.2V Ni-MH and 3.7V Li-ion can be detected automatically, so it need set for only 3.2V and 3.8V batteries; 2) change the charging current amount 4 current at any time during charging by long press the button
2. LED: While connect it to 5V input, all LED light up immediately 1) If no battery is put in, 500mAh LED keeps on and others will go out. 2) When battery is detected in, 4 LED lights on AND 3.7V LED keep flicker to indicate to set the battery type, if no operation, it begin to charge 5 seconds later automatically under detection, four LED lights will display the charging status. 3) Tap the button, can show the battery type for 5 seconds. 4) No electricity is connected, insert a battery can quick shows the remaining battery volume.
3. USB output indicator: When USB discharging port detected, indicator of battery volume will light up for 10 seconds and go out, press button to light up again.
4. LED displaying graphic reference

Cautions

1. The charger can charge cylinder lithium ion batteries (3.7V and 3.8V), Ni-MH/Cd, ferric phosphate lithium cell(LiFePO4)
2. Read this manual before use and pay special attention to the recommended charge current, must avoid to charge battery beyond the recommended current limit
3. 5V USB adapter (adaptor current 2A) is recommended
4. Caution heating while charging
5. Remove the charger from power source after charging complete, and remove the battery from the charger at the same time
6. For indoor use only
7. The displaying data for reference and refer to professional instrument for more accurate data

Specification and function

1. Micro USB DC 5V input, four independent charging and micro computer management system
2. Four charging current mode (500mAh/700mAh/1000mAh/2000mAh), 2000mAh current mode is fixed only on the fourth slot
3. The LED indicators display the charging progress: 25% - 50% - 75% - 100% and battery type (size): Ni-MH 1.2V, Li-Fe 3.2V, Li-Ion 3.7V, Li-Ion 3.85V
4. Identify Li-Ion and Ni-MH batteries automatically and adjust manually the charging mode for LiFePO4 and 3.85V Li-Ion batteries
5. Refresh for OV battery. It don't charge any battery of 1.65 - 1.85V (refresh current can be detected only)

Technical specification

1. Input: Micro USB DC 5V/2A
2. Output: 1.42V
4.2V $\pm$ 0.05V,
3.65 $\pm$ 0.05V
4.35 $\pm$ 0.05V
3. Current: 2000mA*1 1000mA*2 700mA*3 500mA*4
4. Constant voltage, cut-off current: less than 100mAh
5. Standby current: less than 15mAh

USB Output function

1. Open-circuit voltage of USB output: 4.9-5.3V; and the 4th slot is fixed for the USB discharge power source
2. Output current: 1000mAh
3. Open circuit current: <1mA
4. The corresponding voltage is 4.75-5.25V under 1000mAh current
5. Cut-off voltage for discharge protection: 3.0 $\pm$ 0.1V

Compatibility:

Li-ion/IMR: 18650, 18490, 18350,
17670, 17500, 16340(RCR123), 14500, 10440

Size: 112mm x 90mm x 30mm (L x W x H)

Weight: 111 grams(charger)+ 17grams(USB cable)
included in delivery



Design and made in China
Contact distributor for more information or support