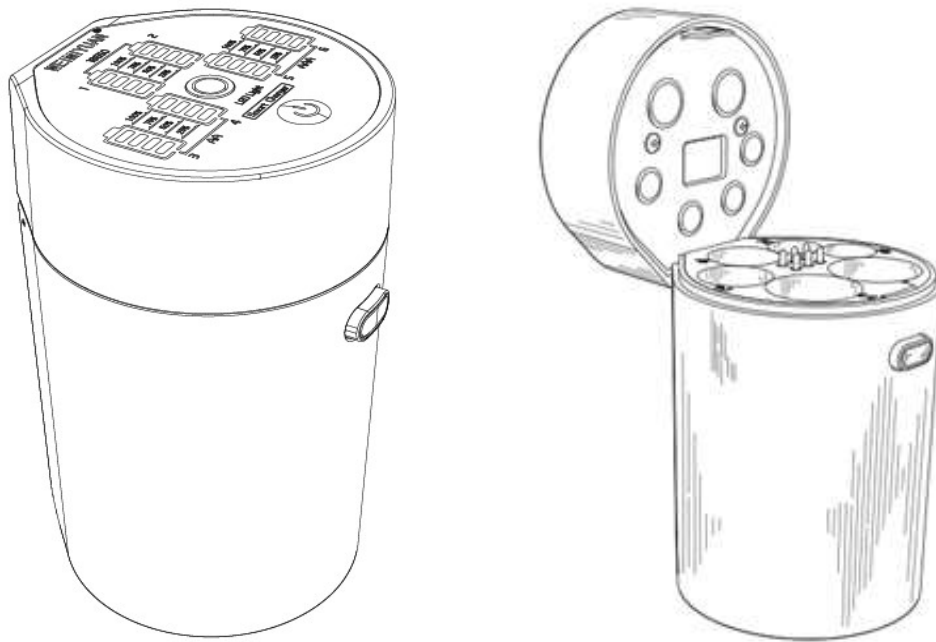




USB Li-ion/Ni-MH/ Ni Cd Battery Charger



I . Safe use

1. The charger can only be filled with cylindrical lithium ion battery (3.7v, 3.8v) and ni-mh/ni-cadmium battery (1.2v).
2. Please carefully refer to the manual before using, and pay attention to the recommended charging current of the charging battery, and do not exceed the recommended charging current.
3. Charge with 5V/ 2A USB adapter (the output current of USB adapter is recommended to be 2A Min, less than 2A May reduce charging time and efficiency).
4. The chargers may get hot when charging or discharging. Take care not to burn.
5. Please unplug the power supply and remove the battery when disusing.
6. It can only be used in normal rooms.
7. The test data of this product is for reference only. Please refer to professional instruments for the actual situation.

II . Usage requirements and functions of charger:

1. Micro USB DC 5V/2A input, six-slot independent charging and microcomputer management system are adopted.
2. According to different tank positions, the microcomputer management system automatically distributes charging current, 1,2 slot charging current is 1000mA Max,3,4 slot charging current is 800mA Max, 5,6 slot charging current is 400mA Max
3. LED displays charging state of 25%, 50%, 75%, 100%, battery type: lithium-ion battery (3.7v, 3.8v), ni-mh/nickel-cadmium battery (1.2v).
4. Can automatically identify li-ion battery and ni-h/ni-cd battery.
5. The battery charger adopts the pulse time - sharing charging method to charge the battery.
6. It has the function of 0V voltage activation (under the activation state, the current is charged by trickle mode).
7. Over-charge and over-discharge, short circuit, intelligent identification of bad battery and detection protection of reverse battery.
8. Charging mode: constant current and constant pressure.
9. DC input is adopted and the power supply of the charger is 5v-2a (Micro plug).
10. With standard 5V/1000mA USB automatic identification output function.
11. With small LED lights, emergency lighting function can be realized.

III. Description of keys, LED and functions:

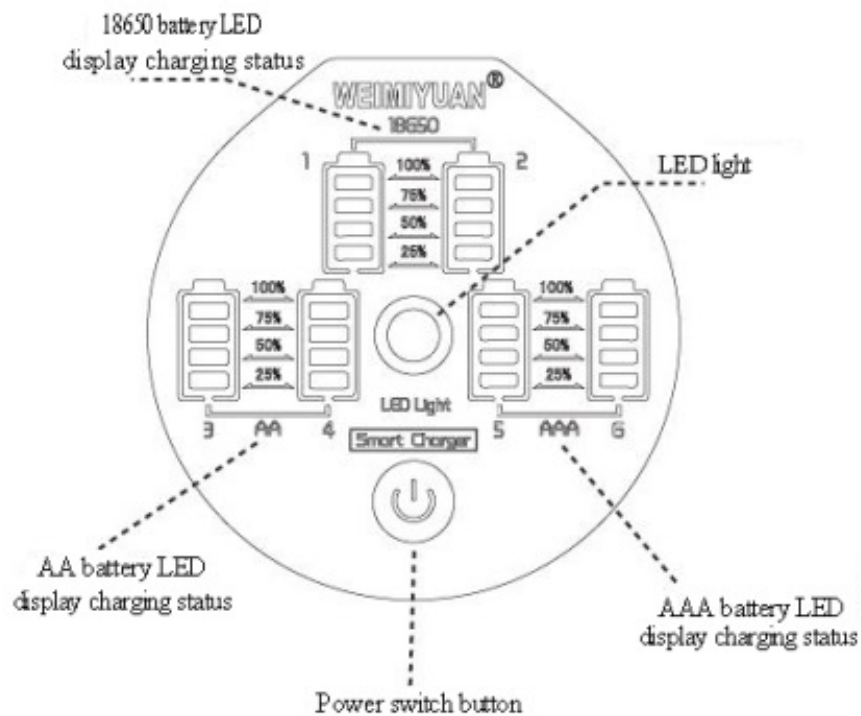
1. Button: in the case of power supply, long press the power button to turn on the LED light, and then double click the power button to turn on the LED light.
Press the power button to start it. When 18650 battery is placed in slot 1 or slot 2 of the charger, it can be activated to the charger. The LED panel will show the battery status of the corresponding slot

2. The LED battery indicator: the cylindrical smart charger has six battery slot, respectively corresponding to the display panel on six different set of LED lights, to charge and power instructions, for different specifications of the battery when charging, the LED indicator light for each slot of the battery charge indicator and charging, red represents 25% of capacity, yellow represents 50% of capacity, green represents 75% of the battery, blue lights represent 100% of capacity. When an LED indicator light of a certain color flashes, it indicates the battery charge and in this state, the charger is charging it.

3: after the circular charger is connected to the 5V power supply, the LED light will be fully on. When the battery is not detected, the battery charger will go to sleep and the LED indicator light will be completely off.

4.USB output indicator: when the USB output is detected, the indicator light of slot 1 or slot 2 will be on, and the battery capacity of the corresponding slot battery will be displayed, until the battery power is exhausted and the LED lamp will be off.

5. LED display reference diagram



IV. Electrical technical parameters:

1. Input power: Micro USB DC 5V/2A.
2. Charging cut-off voltage: 1.45v + 0.05v; 4.2 V + / - 0.05 V. 4.35 + / - 0.05 V.
3. Output current: 1000mA*1,2 slots; 800mA* 3,4 slots; 400mA* 5,6 slots.
4. Constant voltage charging, cut-off current: <100m A.
5. Standby current of external power supply: <15.0m A.

V. USB output function:

1. Output no-load voltage of USB port: 4.90-5.30v; Specify slot 1,2 to provide output power for USB.
2. Output current: 1000 m A.

3. No-load current :<1m A.
4. When loading 1000m A current, the port output voltage is 4.75-5.25v.
5. Stop output protection voltage: 3.0 plus or minus 0.1v.

VI. Compatible battery:

Lithium-ion batteries: 18650, 14500, 10440

Ni-mh/ni-cd batteries.: AA, AAA

Dimensions: 57mm x 59mm x 98mm(length/width/height).

Weight: 130g+20g (micro line).

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