



## Battery Charger Specifications

**Customer** \_\_\_\_\_

**Part name**     battery charger  
\_\_\_\_\_

**Model No**     ULLIONCHG & Charger for UL-1865K-26  
\_\_\_\_\_

**Serial No**     \_\_\_\_\_

**Produce No**   \_\_\_\_\_

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	Spec. No		Ver	01	Spec. page	1/6
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1. Dantona reserves the right to make changes to specifications without notification.



## 1. Outline

### 1.1 Range of Application

This specification applies to relative features of ULLIONCHG charger, including electric, appearance, mechanical characteristics and external environment.

## 2. Product Features

- Micro USB input
- Microcomputer IC controls charging process: CC/CV/Trickle charging, to make sure the battery is full charged and won't be over charged; each slot controls independently.
- Each slot corresponds to a two-color LED for instant visual display of charging status
- Applicable batteries  
Compatibility: various kinds of cylindrical chargeable batteries (Diameter: below 26mm, height: 34-70mm)  
Charge Li-ion batteries.
- Adopt Negative voltage control technology to improve charge efficiency.
- Constant current, constant voltage charging mode.
- Constant current constant voltage charging, protect opposite connection and short circuit; 0 Voltage alarms.
- With 5V output, it can be used as a mobile power source (put in lithium battery, start USB output, automatically sleep without access load).

## 3. Environment Condition

Using indoor

Operating Temperature	0℃-35℃	Storage Temperature	0℃-40℃
Operating Humidity	35%-95%	Storage Humidity	45%-85%
Testing Temperature	25℃±10℃	Atmospheric Pressure	70-106Mpa

## 4. Electric Features

### 4.1 Input Features

Micro USB : 5V 2A

### 4.2 Output Features

DC 4.2V 1000mA\*2

USB 5V 2A

### 4.3 Charging Instruction Mode

Red and green two-color indicator, power on green light, charging red, full of green

### 4.4 Charging Control Mode

charging method: constant current constant pressure

## 5. Reliability Test

### 5.1 High Temperature Test

Test temperature: 45℃ ±5℃, last time:5 hours (no package)

Retest the appearance, insulation strength, indicating functions and charging features after putting in normal temperature. There are no scratches and other damages; there is no rust in outside metal. It is normal in indicator and electricity functions.

#### 5.2 Low Temperature Test

Test temperature:  $-10^{\circ}\text{C} \pm 3^{\circ}\text{C}$ , last time: 8 hours (no package)

Retest the appearance, insulation strength, indicating functions and charging features after putting in normal temperature. There are no scratches and other damages; there is no rust in outside metal. It is normal in indicator and electricity functions.

#### 5.3 Constant Voltage Thermal-Humidity Test

Test temperature:  $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$  Humidity: 90%~95% last time: 8 hours (no package)

Retest the appearance, insulation strength, indicating functions and charging features after putting in normal temperature. There are no scratches and other damages; there is no rust in outside metal. It is normal in indicator and electricity functions.

#### 5.4 Vibrating Test

Frequency: 10~55Hz Amplitude: 0.35mm Circulation times in each direction: 10 times

Retest the appearance, insulation strength, indicating functions and charging features after putting in normal temperature. There are no scratches and other damages; there is no rust in outside metal. It is normal in indicator and electricity functions.

#### 5.5 Falling Test

Height: 1000mm test-bed thickness: 20mm (hard wood) six side: once per direction

Retest the appearance, insulation strength, indicating functions and charging features after putting in normal temperature. There are no scratches and other damages; there is no rust in outside metal. It is normal in indicator and electricity functions.

## 6. Appearance Features

#### 6.1 Size

Charger: 110mm\*60mm\*39mm(L\*W\*H)

#### 6.2 Weight:

Charger: 72g (Without batteries and power cord)

#### 6.3 Appearance

No scratch, blot, burrs, fissure and rust

## 7. Actual Charging Description

7.1 Plug one end of the power cord into the battery charger and the other end into the adapter and the charger will start working.

7.2 Charging 1 to 2 Li-ion battery

## 8. Packaging & Storing

### 8.1 Packaging

- A. Plastic clamshell, bag or bubble bag
- B. Neutral box

### 8.2 Storing

- A. Under the environment temperature during 0°C-40°C;
- B. Clean, dry and ventilating indoor;
- C. Avoid contacting with corrosive material.
- D. Stay away from fire and heat source

## 9. Using Tips

### 9.1 Warnings

- A. This product charges only Li-ion batteries. If charging other batteries may lead to explode, damage the batteries and make personal injury and property loss.
- B. Using charger in the wrong way maybe gets an electric shock.
- C. Use the battery indoor and do not in the rain or snow.
- D. Do not break or assemble the charger.

### 9.2 The Do's and Don'ts

- A. Do not put heavy stuff in the charger.
- B. Children should be supervised by adults during using the charger.
- C. Use the charger in the temperature of 0°C-35°C
- D. Do not use or store the charger under the direct sunlight, nearby the heated equipment and other high temperature places.



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