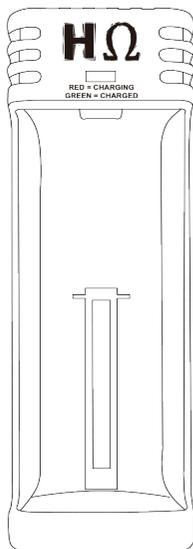


# HOHM TECH®

GOOD IS NOT GOOD ENOUGH,  
SO WE MAKE THINGS BETTER

## Hohm SCHOOL<sup>UNO</sup> Charger

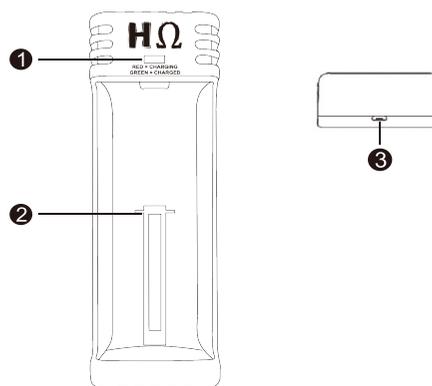
Li-ion USB charger



[www.hohmtech.com](http://www.hohmtech.com)

**IMPORTANT:** Read user manual before use.

### Charger Details:



- 1 LED indicator: LED is RED when battery is charging. LED is GREEN when battery is fully charged (4.2V).  
**NOTE:** If a battery >4.05V is inserted, the charger will consider the Li-ion battery as charged (GREEN LED).
- 2 Charging slider: Pull back with finger and insert negative (-) side of battery to make contact, followed by inserting positive (+) side of battery. Gently release to initiate charging.
- 3 Micro USB input: DC 5V/2A or greater is advised.  
**NOTE:** Charger will operate with lower power adapter such as 1A, but charger will only perform its full capabilities with a 5V/2A or greater power adapter/supply.

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### Introduction:

Designed strictly for 3.6V & 3.7V Li-ion batteries in the following size classifications: 10400, 10500, 12500, 12650, 13450, 13500, 13650, 14500, 14650, 16500, 16650, 17500, 17650, 17670, 18490, 18500, 18650, 18700, 20700, 20650, 21700, 22500, 22650, 25500, 26650. **NOTE:** 1st & 2nd set of #'s are indicative of battery size. Example: 18650 is 18mm (W) x 65mm (L). The "0" means round.

### Introduction:

Parameter	Value
Model	Hohm SCHOOL <sup>UNO</sup>
Input	USB DC 5V/2A
Power consumption	≥10W
Type of the battery	Li-ion
Output voltage	DC 4.20V ±0.05V
Charge current	DC 2000mA*1 ±10% (2A)
Protection against short circuit	yes
Reverse polarity protection	yes
Over-discharged battery Activation	yes
Protection against overvoltage	yes
LCD or LED	LED
Dimension (L*W*H)	100*32*28mm
Weight	32±2g

### Features:

1. Micro-USB input for common household use.
2. Fast charging capabilities with up to 2A (2000mA) when used with a 2A or greater USB power adapter/supply.
3. Utilizes a CC/CV charging process (constant current & constant voltage).
4. Automatically stops charging once battery achieves 4.2V to ensure battery is not exposed to any overcharging.
5. LED indicators (RED = charging, GREEN = charged).
6. Low-Voltage Activation enabled. Depleted batteries (<2.9V) are charged at 0.2A (200mA) current rate to 2.9V, at which point are then charged at 2A (2000mA) current.

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7. Equipped with overcharge prevention, reverse polarity protection, overheat shutdown, & short-circuit prevention.
8. IPR enabled. (IPR = input power regulator). This allows charger to adopt and adjust both input/output simultaneously so it does not stress USB ports or power adapters/supplies.

### Operation:

1. Connect the provided Micro-USB cable to a 5V/2A adapter.
2. Confirm that the battery is a 3.6V or 3.7V Li-ion rechargeable battery. **CHARGER IS SOLELY FOR Li-ion BATTERIES.**
3. Hold charger in hand, and pull back the metal slide using your finger. While holding back the slider, insert the negative (-) end of battery to make contact with the slider, and then put the positive (+) end of battery in to lay flat in the slot. Once battery is inserted, gently allow slide to squeeze battery. The LED on charger will illuminate.
4. After charge is complete, the LED will turn GREEN. Battery can be removed and is ready for use.

**NOTE:** If the LED light does not illuminated when battery is inserted, flip battery around so it is inserted correctly.

### LED indicator:

Condition	LED indicator
Charging in Process	Constant Red
Charging Complete	Constant Green
Reverse Connected	LED off
No Battery	LED off

### Over-discharged battery Activation:

If battery voltage is less than (<) 2.9V, it will be stimulated with a 0.2A (200mA) charge rate until it reaches 2.9V. Once it reaches 2.9V, it will switch to 2A (2000mA) charge rate\*.

\* charge rate is dependant on the USB power adapter/supply used. For example, most computers/laptops have 0.5A - 1A USB output range. Smartphone USB power adapters typically range from 1A-4A output capability.

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### Warnings:

1. This **CHARGER IS TO BE USED ONLY WITH 3.6V or 3.7V Li-ion BATTERIES.** Other battery types can lead to explosion, battery rupture, leaking, fire, burn injury, and property damage.
2. Improper use of the charger may lead to electric shock.
3. The charger is designed for indoor charging only. Do not expose to outdoor elements. Do not leave charger with batteries unattended.
4. Operate in ambient temperature between 0°C - 40°C (32°F - 104°F).
5. Do not disassemble or modify the charger.
6. Not intended for use by anyone under the age of 18 years old.

### Maintenance:

1. The device is maintenance-free, but should be cleaned occasionally.
2. When cleaning the device, remove the USB power cable and battery.
3. Only use a dry cloth to clean the slot and +/- connectors.
4. Do not use any solvents or anything abrasive to clean.

### Disposal:

#### Used battery (rechargeable) disposal

End consumer is legally obligated (battery regulation) to recycle batteries. Disposing used batteries in household waste is prohibited. Batteries contain hazardous substances and are marked with the crossed-out wheeled bin indicating not for trash, but recycle. To locate your nearest recycle center, visit: <https://www.call2recycle.org/locator/>

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### Warranty:

Hohm Tech warranties this product to the end consumer for a period of 1 year from the date of purchase. Save your proof of purchase as it is required in the unlikely event a warranty claim is needed.

Visit: [www.hohmtech.com/warranty-center](http://www.hohmtech.com/warranty-center)

If a defect in craftsmanship is found within 30 days of purchase, the charger can be sent directly to Hohm Tech for an exchange. After 30 days, any defective or malfunctioning device can be sent in for repair at no cost to consumer (excluding shipping), for 1 year (12 months) from the date of purchase.

Visit: [www.hohmtech.com](http://www.hohmtech.com) for details.

### Warranty does not apply to the following situations:

1. Tampered with, modified in any way, marks indicating impact such as behind dropped.
2. Damaged from improper use (i.e incorrect installation or installation of non-rechargeable batteries).
3. Damaged by faulty battery, incorrect battery, or a battery short-circuit from improper or missing wrap and/or insulator on battery.

For the latest information on products and service, contact the local distributor or send email to: [hello@hohmtech.com](mailto:hello@hohmtech.com).

**HOHM TECH®**

<https://www.hohmtech.com>  
warranty: 1 year  
Designed in California  
Assembled in China



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