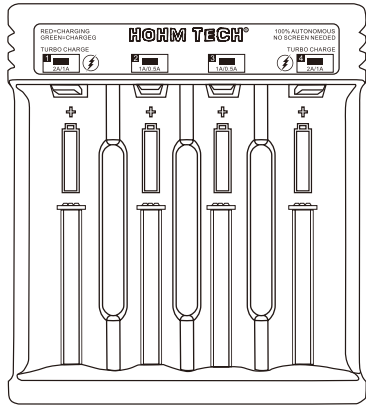


HOHM TECH

GOOD IS NOT GOOD ENOUGH,
SO WE MAKE THINGS BETTER

Hohm SCHOOL⁴ Charger

Li-ion USB charger

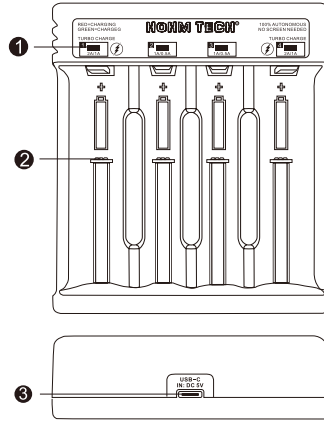


www.hohmtech.com

Type C USB Li-Ion Battery Charger

Hohm SCHOOL⁴

IMPORTANT: Read user manual before use.
Charger Details:



- LED indicators: Four LED indicators with 2 colors (GREEN and RED)
- Charging slots: Fully independent (can charge 4 different sizes simultaneously). Slot 1&4 have 2A max, slot 2&3 have 1A max.
* Slot 2&3 ideal for li-ion batteries shorter than 62mm (2.4")
- USB-C (Type C) input: DC 5V/4A, 2A, 1A required (such as laptop or phone charger).

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Type C USB Li-Ion Battery Charger

Hohm SCHOOL⁴

Introduction:

Designed for 3.6V & 3.7V li-ion batteries in the following model size classifications:
(26650/26500/22650/22500/21700/20700/20650/18700/18650/18490/17670/17650/17500/16500/16340/14650/14500/13450/12650/10500/10440/10340)

Introduction:

Parameter	Value
Model	Hohm SCHOOL ⁴
Input	DC 5V/4A, 2A, 1A (USB type C)
Power consumption	≥ 20W
Type of the battery	Li-ion
Independent Channels	4
Charge current	Up to 4A distribution: 2*2A, 4*1A Slot 1 & 4: Automated 2A/1A Slot 2 & 3: Automated 1A/0.5A
USB output	no
USB output is power bank function	no
Low Voltage Activation	yes
Protection against short circuit	yes
Protection against cell overheating	no
Protection against overvoltage	yes
Temperature protection	yes
LCD or LED	LED
Dimension (L*W*H)	108*96*29mm (4.3*3.8*1.2 in)
Weight	100g±2g

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Type C USB Li-Ion Battery Charger

Hohm SCHOOL⁴

Features:

- Plug & Play Ready, directly out-of-box.
- USB-C (Type C) power management system for 4A ability
- 100% Autonomous. Connect to any 5V USB port, it adapts to the power supply and initiates the corresponding charge rate for both small & large li-ion batteries.
- BLD System enables size detection to ensure proper charge rate.
- LED indicator defines if battery is charging, charged, or has an error.
- Low Voltage Activation to revive li-ion batteries with low voltage.
- Charge li-ion batteries up to 71mm length & batteries with PCB.
- Integrated protection: short-circuit, overheat, reverse polarity, and over-charge prevention
- Slot 1&4 has 2A/1A automated charge selection.
- Slot 2&3 has 1A/0.5A automated charge selection.

Operation:

- When initially connected to power, the LED lights will illuminate red, then green, then off. Once the lights turn off, charger is ready.
- Pull back a sliding tab in any slot. Insert the li-ion battery in the slot with the battery's negative end to contact the sliding tab. Slowly allow the sliding tab to secure battery.

LED indicator:

Condition	LED indicator
Power connected	flashes Red, Green, then Off
Charging in Process	Constant Red
Charging Complete	Constant Green
Wrong Battery	Red (flashing)
Reverse Connected	Red (flashing)
Insufficient Power Input	Red (flashing)

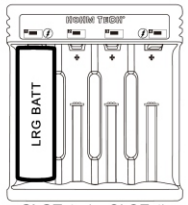
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Type C USB Li-Ion Battery Charger

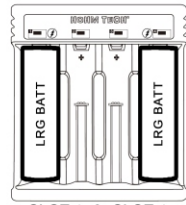
Hohm SCHOOL⁴

Charging Configurations & Speed

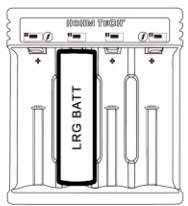
Charger is 100% Autonomous. Put any size Li-ion battery in any slot.
Charger will determine speed by: length of battery, slot used, & input power.
>62mm (2.44") length = LRG BATT; <62mm (2.44") = SM BATT



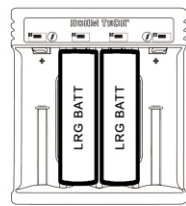
SLOT 1 (or SLOT 4)
SPEED: 2A (LRG); 1A (SM)
TOTAL OUTPUT: 2A (as shown)



SLOT 1 & SLOT 4
SPEED: 2A x2 (LRG); 1A x2 (SM)
TOTAL OUTPUT: 4A (as shown)



SLOT 2 (or SLOT 3)
SPEED: 1A (LRG); 0.5A (SM)
TOTAL OUTPUT: 1A (as shown)



SLOT 2 & SLOT 3
SPEED: 1A x2 (LRG); 0.5A x2 (SM)
TOTAL OUTPUT: 2A (as shown)

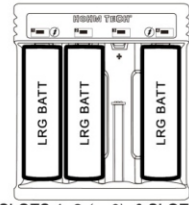
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Type C USB Li-Ion Battery Charger

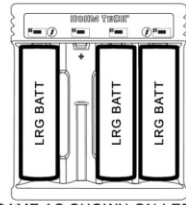
Hohm SCHOOL⁴

Charging Configurations & Speed

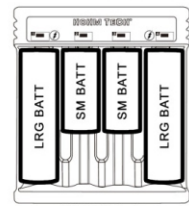
Charger is 100% Autonomous. Put any size Li-ion battery in any slot.
Charger will determine speed by: length of battery, slot used, & input power.
>62mm (2.44") length = LRG BATT; <62mm (2.44") = SM BATT



SLOTS 1, 2 (or 3), & SLOT 4
SPEED: 1A + 1A + 1A
TOTAL OUTPUT: 3A (as shown)
* SLOT 1&4 = 1A ea. if SLOT 2 (or 3) used
SLOT 2&3 = 1A ea. (LRG); 0.5A (SM) ea.



- SAME AS SHOWN ON LEFT -
TOTAL OUTPUT: 3A (as shown)
* NOTE: if SLOT 2 (or 3) had single SM BATT,
TOTAL OUTPUT would be 2.5A
as 1A + 0.5A (SM) + 1A = 2.5A



SLOTS 1-4
SPEED: 1A + 0.5A + 0.5A + 1A
TOTAL OUTPUT: 3A (as shown)
* SLOT 1&4 = 1A ea. if SLOT 2 (or 3) used
SLOT 2&3 = 1A ea. (LRG); 0.5A (SM) ea.

SLOTS 1-4
SPEED: 1A + 1A + 1A + 1A
TOTAL OUTPUT: 4A (as shown)
* SLOT 1&4 = 1A ea. if SLOT 2 (or 3) used
SLOT 2&3 = 1A ea. (LRG); 0.5A (SM) ea.

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Type C USB Li-Ion Battery Charger

Hohm SCHOOL⁴

Low Voltage Battery Activation:

Low Voltage Activation is enabled when a li-ion battery is between the range of 1.95V - 2.9V. During Low Voltage Activation, the charger initiates a 200mA (0.2A) current for 3 minutes or until it reaches 2.9V. When 2.9V is achieved, it is charged at the corresponding current in relation to the BLD (battery length detection) and available input power. When an over-discharged li-ion battery (≤ 1.94V) is inserted into any slot, it is considered damaged and the red LED will flash. Li-ion batteries should not be charged if they have incurred an over-discharge at any time, as internal damages may exist within battery not seen by visual inspection.

Warnings:

- The charger is restricted to charging Li-ion rechargeable batteries only. Other battery types can lead to explosion, battery rupture, leaking, fire, burn injury, or property damage.
- Improper use of the charger may lead to electric shock.
- The charger is designed for indoor charging only. Do not expose to outdoor elements. Do not leave charger with batteries unattended.
- Operate in ambient temperatures between 0°C - 35°C (32°F - 95°F)
- Do not disassemble or modify the charger.
- Children are required to use the charger under the supervision of an adult.

Maintenance:

- The device is maintenance-free but should be cleaned occasionally.
- When cleaning the device, it must first be disconnected from power.
- Only use soft and dry cloth to clear the housing of device.
- Do not use solvents or anything abrasive to clean.

Disposal:

Used batteries/rechargeable batteries disposal

Please dispose of or recycle used batteries to your local battery recycle center. Do not dispose of in household waste, as there are hazardous substances and is marked with the cross-out wheeled bin.
Visit: <https://www.call2recycle.org/locator/>

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Type C USB Li-Ion Battery Charger

Hohm SCHOOL⁴

Warranty:

Hohm Tech warranties this product for 1 year, from the date of purchase, when purchased from an authorized distributor or sales channel.

If there is a defect, product can be sent directly to Hohm Tech for an exchange. After 15 days, any defective or malfunctioning charging device can be repaired free of charge for a period of 1 year (12 months) from the date of purchase. Visit: www.hohmtech.com for details.

Warranty does not apply to the following situations:

- Tampered with, modified in any way, marks indicating impact such as being dropped.
- Damaged from improper use (E.g.: incorrect installation or installation of non li-ion batteries).
- Damaged by faulty battery or battery short circuit from improper wrap on battery.

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

HOHM TECH

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



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