

Lii-M4S

USER MANUAL

USB-C Charger • Four Slots • Touch-screen Service

Fitorch Lii-M4S utilizes an intelligent touch-screen control system to reach a better charging and testing experience.

Features

- Intelligent touch-screen control system
- Four-slot independent charging
- 4 working modes: charge, discharge, capacity test and storage
- USB-C interface
- 4 optional charging currents:
  300mA*4/500mA*4/700mA*2/1000mA*2
- 2 optional discharging currents: 250mA*4/500mA*4
- Rechargeable batteries of different specifications can be charged simultaneously
- LCD display for the real-time charging status
- Over-charge and over-discharge protection
- Short circuit and battery reverse protection
- Power bank function with the output of 5V/1000mAh (only the fourth slot)

Specifications

- Input: DC 5V/2A(min)
- USB Output: 5V/1000mA
- Charging voltage&current:
  Li-ion: DC 4.2V 1000mA*2/700mA*2 500mA/300mA*4pcs
  Ni-MH: DC 1.48V 1000mA*2/700mA*2 500mA/300mA*4pcs
- Compatible with:
  21700,26650,26500,18650,18490,17670,17500,16340,14500, AA, AAA, etc.
- Discharge mode and test discharge phase current:
  250mA*4/500mA*4
- Size: 146mm(L)*100mm(W)*33mm(H)
- Weight: 193g(without cable)

Operating Instructions

Touch Buttons:

- MODE: mode selection for CHARGE, DISCHARGE, TEST and STORAGE.
  1-2: the button to control the first and second slot. Press and hold it to show the information of related slot by turns.
  3-4: the button to control the third and fourth slot. Press and hold it to show the information of related slot by turns.
- CURRENT: 300mA/500mA/700mA/1000mA. Press this button for 2s to light the screen.

While the charger is working, touch the button(1-2, 3-4) to view the corresponding slot information, including current(MA), capacity(MAH), voltage(V), time(H) and other data.

Mode Operation:

When power on, the LCD screen will be lighted instantly. If there is no battery in the charger, the display will show “null”. When no battery or defective battery is inserted, the digital indicator will have no any response, and showing "Err". When the battery is full charged or the work is finished, it will show "End".

- Charge: When power on, the charger will automatically default the charging current to 500mA. The user can select the charging current(300mA/500mA/700mA/1000mA) through the touch button “CURRENT” within 8s. And then, the functions will be locked after 8s, if need to change the current, the user should press and hold the “MODE” to reselect. During charging, the user can touch the button of “1-2” or “3-4” to check the parameters of each slot, such as capacity(MAH), time(H), current(MA) and voltage(V).
  Note: if choose the current 700mA or 1000mA, the charger can only charge 2 batteries under that current at the same time. If the batteries are more than 2pcs, the charger system will adjust the charging current to 500mA automatically.
- Discharge: when power on, touch the button “MODE” to choose “DISCHARGE” within 8s, and then touch the CURRENT button to select the current(250mA/500mA). If the user couldn’t select the current within 8s, the system will automatically choose the default current 500mAh to discharge the battery.

Enter discharge mode ⇒ Select discharge current ⇒ Fully discharge the battery ⇒ END

- Test: when power on, touch the button “MODE” to choose “TEST”, and then select a proper current to charge the battery at first. When the battery is full, the charger will discharge the battery, and then recharge the battery again. When the second charging work begins, the “END” will flash until the battery is full charged. When the test is finished, the screen will display the charged capacity, discharged capacity and other parameters in turn. In the test mode, if 500mA/700mA/1000mA is selected for charging current, the discharge current in the discharge process will be defaulted to 500mA. If the charging current is 300mA, the discharge current would be 250mA.

Enter test mode ⇒ Select charge current ⇒ Fully charge the battery ⇒ Fully discharge the battery ⇒ Fully charge the battery ⇒ END

- Storage: this mode is to store the lithium-ion battery at a voltage of 3.7V. The user can select the storage mode through pressing the “MODE” button in any state. The Storage function is only for 3.7V(3.6V) lithium battery.
- Power bank: put a high power capacity lithium-ion battery into the fourth slot, and then connect proper electronic equipment.

Cautions

- The charger is restricted to charging Li-ion and Ni-MH rechargeable batteries only. DO NOT use the charger with other types of batteries as this could result in battery explosion, cracking or leaking, causing property damage and/or personal injury.
- Read this user manual carefully before using to ensure the batteries inserted are compatible type and will be charged with correct voltage.
- Please connect this charger to power supplies with the input voltage stated in the specifications of the user manual. If the input voltage is too low or too high, it may lead to malfunctions, or even a fire.
- It is normal for this charger to heat up properly during charging process. Beware of scald.
- Keep away of children.
- Remove the charger from power source after charging complete, and remove the battery from the charger at the same time.
- DO NOT charge batteries if there is any sign of faulty or short circuit.

Warranty

Our authorized dealers and distributors are responsible for warranty service. All functional defective can be repaired free of charge for a period of 12 months(1 year) from the date of purchase.

Unwarrantable

- Damage, destruction, disassembly, reconstruct and unauthorized modify on purpose.
- Destruction caused improper use.
- Damage for batteries leakage.

This warranty covers only the original/primary owner and does not cover abuse, alteration, theft, loss, or unauthorized and/or unreasonable use of your Fitorch products. This warranty does not cover sheaths, accessories, imprinting, or color finishes.

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