# Lii-S2

## Auto-Polarity Detect Charger

Digital Charge Display

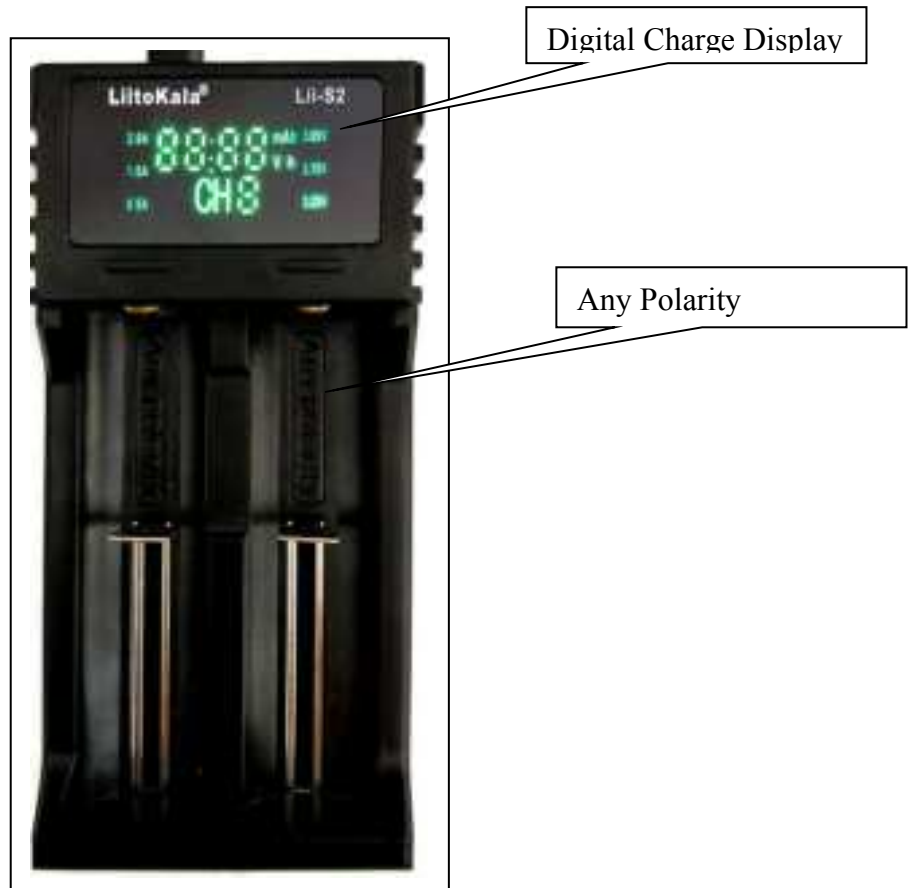Any Polarity

## USER MANUAL

This charger is designed for portable, flexible and multi types of battery. It can detect the battery polarity, battery type and charge the battery automatically under your selected charging current. Built-in digital tube indicator to display the charging real-time status

## *Features:*

➢ Two-slot independent charging and management system, Micro USB DC 5V input port

➢ Battery polarity auto-detection ( Any Polarity)

➢ Selective 500mA/1000mA/2000mA charging currents for Lithium batteries

➢ Built-in digital tube indicator shows the real-time charging status of voltage, current, time and capacity

➢ Identify Li-Ion and Ni-MH battery automatically

   *Select manually by short-press the mode button for IMR battery(3.85V Li-ion )and LiFePO4 battery(3.2V)*

➢ Activation function for 0V battery of PCM protection.

➢ **Can not charge battery with 0.0≤U‹0.2V    for NiMH/Cd and 1.6≤U‹2.2V for Li-Ion**

➢ Over-charging and over-discharge protection

➢ Identify broken/defective battery

➢ Charging under constant voltage and current


## *Operation instruction:*

➢ There's a 'MODE' button separately for each channel choosing the battery types, charging current and charging status tracking

   ◆ Long press the 'MODE' button for 3 seconds to change the charging current for lithium batteries, you can change the charging current at any time

   ◆ Short press the 'MODE' button to change the charging types of lithium batteries. If no setting, it will default as 1.2V Ni-MH or 3.7V li-ion battery automatically. You need to change the mode for 3.85V li-ion and 3.2V LiFePO4 battery

   ◆ It begins to charge the battery 5 seconds after your settings



➢ Connect the 5V input port with USB cable inserting the battery then the digital indicator showing the voltage with "V" flashing(charge starts). When no battery is inserted or defective battery is inserted, the charger will have no any response showing "null" ; When the battery is fully charged, it shows "Full"

➢ It can display the battery voltage , charge current, time and capacity by short press the 'MODE' button at any time during charging

## _Specifications_

- ◆ Input: Micro USB DC 5V/2A(min.)
- ◆ Output voltage: DC 4.2V 2000mA*1pc; 500mA/ 1000mA*2pcs for Li-Ion
  
    DC 4.35V 2000mA*1pc; 500mA/ 1000mA*2pcs for IMR
  
    DC 3.65V 2000mA*1pc; 500mA/ 1000mA*2pcs for LeFePO4
  
    DC 1.48V 500mA for NiMH/NI-Cd
- ◆ Constant voltage charging with cut-off current less then 100mA
- ◆ Standby current: No more than 15mA

_Compatible for Batteries:_

- ◆ Li-ion / IMR/LiFePO4: 26650,20700,18650, 18490, 17700, 17500, 16340(RCR123), 14500, 10440
- ◆ Ni-MH/Cd: AA, AAA, A, SC, C size

_Size(mm)/Weight(grams):_

- ◆ Length 118mm x Width 63mm x Height 30mm
- ◆ 48grams (charger) + 17grams (USB cable) included in delivery

CE FC RoHS

Design and made in China

Contact distributor for more information or support