

K2 Smart Charger

Two cell charger capable of charging almost all rechargeable batteries for use as a power bank

Features

- Microcomputer control system allows each of the two battery slots to charge individually
- Capable of charging 2 batteries simultaneously (Ni-MH / Ni-Cd / LiFePO4 / 3.7V Li-ion / 3.85V Li-ion)
Li-ion: 26650 22650 18650 18490 17670 17500 16340 14500 10440 16340(RCR123A)
Ni-MH/Ni-Cd: AA AAA AAAA C
- LEDs display to clearly show charging progress
- Optional 0.5A or 1A output charging current
- Charger cable DC 5V micro USB port connects directly to either a car charger plug, a computer USB port or other USB charger plug for charging at home or while travelling
- Use as a power bank capable of charging USB equipment, with an Li-ion battery as the power source
- -DV/dt Control technology to charge Ni-MH and Ni-Cd batteries more fully
- Built-in reverse polarity and short-circuit protection
- Features over-charge protection to prevent battery damage. Automatically stops charging when complete
- Auto-activation function:
 - a). Automatically reactivates "zero voltage" short-circuit protected Li-ion batteries that have been completely drained of power
 - b). Will not charge a battery that cannot be reactivated.
- Made of durable ABS (fire retardant/flame resistant) for your safety
- Optimal heat dissipation design for long lifespan

Specification

- Input Power: Micro USB DC 5V/2A
- Output Voltage : 4.35V/4.2V/3.65V/1.48V $\pm 1\%$
- Output Current : 0.5A/1A
- USB port output: 5V/1A
- Size : 115mm×63.5mm×29mm (Length/Width/ Height)
- Compatible with: LiFePO4, 3.7V/3.85V Li-ion, Ni-MH, Ni-Cd
Li-ion: 26650 22650 18650 18490 17670 17500 16340 14500 10440 16340(RCR123A)
Ni-MH, Ni-Cd: AA AAA AAAA C
- Weight: 75g
- Optimal working environment: 5%(0°C)-90%(35°C) (fully-laden regular activity)
- Storage temperature: 0°C-40°C

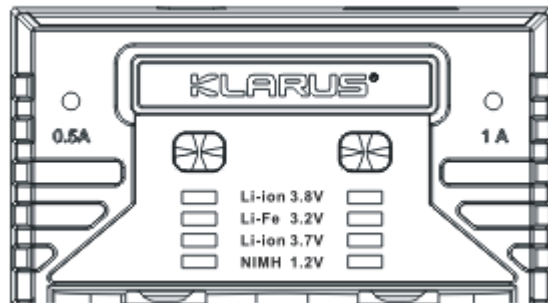
Operating instructions

1. Charge the batteries

- Plug the cable into the charger, and connect the micro USB to a 5V power supply
- Gently insert rechargeable battery with positive end (+) at top of the charger and negative end (-) end against the bottom spring tab
- The charger will automatically identify battery type when cell is inserted. For Ni-MH/Ni-Cd battery, the charger will choose 1.2v charging voltage automatically and begin to charge in 5 seconds. For Li-ion battery, press the corresponding button to choose charging voltage. LED display will flicker to indicate battery power and charging progress
- Charging voltage can be checked by pressing the corresponding button lightly. The LED display will revert to showing charging progress after 5 seconds.

2. Use as a power bank

- Gently insert Li-ion batteries with positive end (+) at top of the charger and negative end(-) end against the bottom spring tab
- Connect the USB equipment with 5V outlet using the cable and charging will commence



Please note :

This charger could be used as a power bank only when the cell is a Li-ion battery

3. Optional charging current selection

When the power is on, press either of the button for 2 seconds to choose either the 0.5A or 1A charging current. For Ni-MH/Ni-Cd batteries, please always choose 0.5A to charge. For LiFePO4/ 3.7V Li-ion/ 3.85V Li-ion batteries, you can select either 0.5A or 1A to charge, Using the 1A option will increase charging speed when time is limited.

Attention

- Please ensure that you are always careful to select the correct charging setting and voltage when inserting a battery
- Never use the Li-ion 3.85V charging selection to charge any Li-ion batteries other than Li-ion 3.85V rechargeable batteries
- Never use the Li-ion 3.7V or Li-ion3.85V setting to charge a 3.2 V LiFePO4 battery
- Please use the charger in a normal working environment, and switch off the power when charging is complete
- As with all electrical appliances, keep the charger out of reach of children

Warranty Service

- If found to be defective within 15 days from date of purchase, your KLARUS K2 charger will be

replaced . Thereafter, within 12 months of purchase, the K2 will be repaired. Beyond 12 months, the warranty covers labor costs and maintenance but excludes accessories or replacement parts

• The warranty is nullified in any of the following situations:

- 1.The product(s) is/are broken down, reconstructed and/or modified under unauthorized conditions
- 2.The product(s) is/are damaged through improper use
- 3.The product(s) is/are damaged by leakage of batteries



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