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› LiitoKala Lii-PD4 Universal Battery Charger Instruction Manual

LiitoKala Lii-PD4

LiitoKala Lii-PD4 Universal Battery Charger

Model: Lii-PD4

Brand: LiitoKala

1. IMPORTANT SAFETY INSTRUCTIONS

Please read this instruction manual carefully before using the charger. Failure to follow these instructions may result in electric shock, fire, or damage to the charger or batteries.

- This charger is designed for **indoor application only**. Do not expose to rain or moisture.
- Do not attempt to charge non-rechargeable batteries.
- Do not disassemble, modify, or repair the charger. Contact qualified service personnel if repair is needed.
- Keep the charger away from children and pets.
- Ensure proper ventilation during charging. Do not cover the charger.
- Unplug the charger from the power outlet when not in use.
- Avoid charging batteries that are damaged or leaking.

2. PRODUCT OVERVIEW

The LiitoKala Lii-PD4 is a smart universal battery charger capable of charging various types of rechargeable batteries. It features four independent charging slots and an LCD display to show charging status and battery information.



Image: Front view of the LiitoKala Lii-PD4 universal battery charger, showing its four charging slots and central LCD display.

3. SETUP

1. **Connect Power:** Plug the AC power adapter into a wall outlet and then connect the DC plug to the charger's input port (IN: 12V or AC 110-240V). The LCD display will light up.
2. **Insert Batteries:** Carefully insert one or more compatible rechargeable batteries into the charging slots. Ensure the positive (+) and negative (-) terminals of the battery match the markings on the charger.

4. OPERATING INSTRUCTIONS

The Lii-PD4 charger features intelligent detection and charging capabilities:

- **Automatic Detection:** Upon inserting a battery, the charger will automatically detect the battery type (Li-ion, NiMH, etc.) and display its voltage.
- **Charging Process:** The charger will automatically begin charging. The LCD display will show the charging progress, current voltage, and charging current for each slot.
- **Charging Current:** The charger automatically selects the optimal charging current. For Lithium batteries, slot #4 can provide up to 2000mA when used alone. Other slots and battery types will use 1000mA or 500mA depending on the number of batteries and type.
- **Completion:** The charging process stops automatically when the battery is fully charged. The display will indicate full charge.

5. BATTERY COMPATIBILITY

The LiitoKala Lii-PD4 charger is compatible with a wide range of rechargeable batteries:

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

- **Voltage Compatibility:** Supports 3.7V, 3.2V, 1.2V, and 1.5V batteries.

6. MAINTENANCE

- **Cleaning:** Disconnect the charger from power before cleaning. Use a soft, dry cloth to wipe the surface. Do not use abrasive cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the charger with care. Avoid dropping it or subjecting it to strong impacts.

7. TROUBLESHOOTING

- **Charger not powering on:** Ensure the power adapter is securely connected to both the charger and the wall outlet. Verify the wall outlet has power.
- **Battery not charging:** Check if the battery is inserted correctly with the correct polarity. Ensure the battery is a compatible rechargeable type. The battery might be deeply discharged or damaged; try a different battery.
- **Display error:** If an error message appears, remove the battery, unplug the charger, wait a few moments, and then reconnect and reinsert the battery. If the error persists, the battery or charger may be faulty.
- **Slow charging:** Ensure the charger is receiving adequate power. The charging current may be lower if multiple batteries are charging simultaneously or if the battery type requires a lower current.

8. SPECIFICATIONS

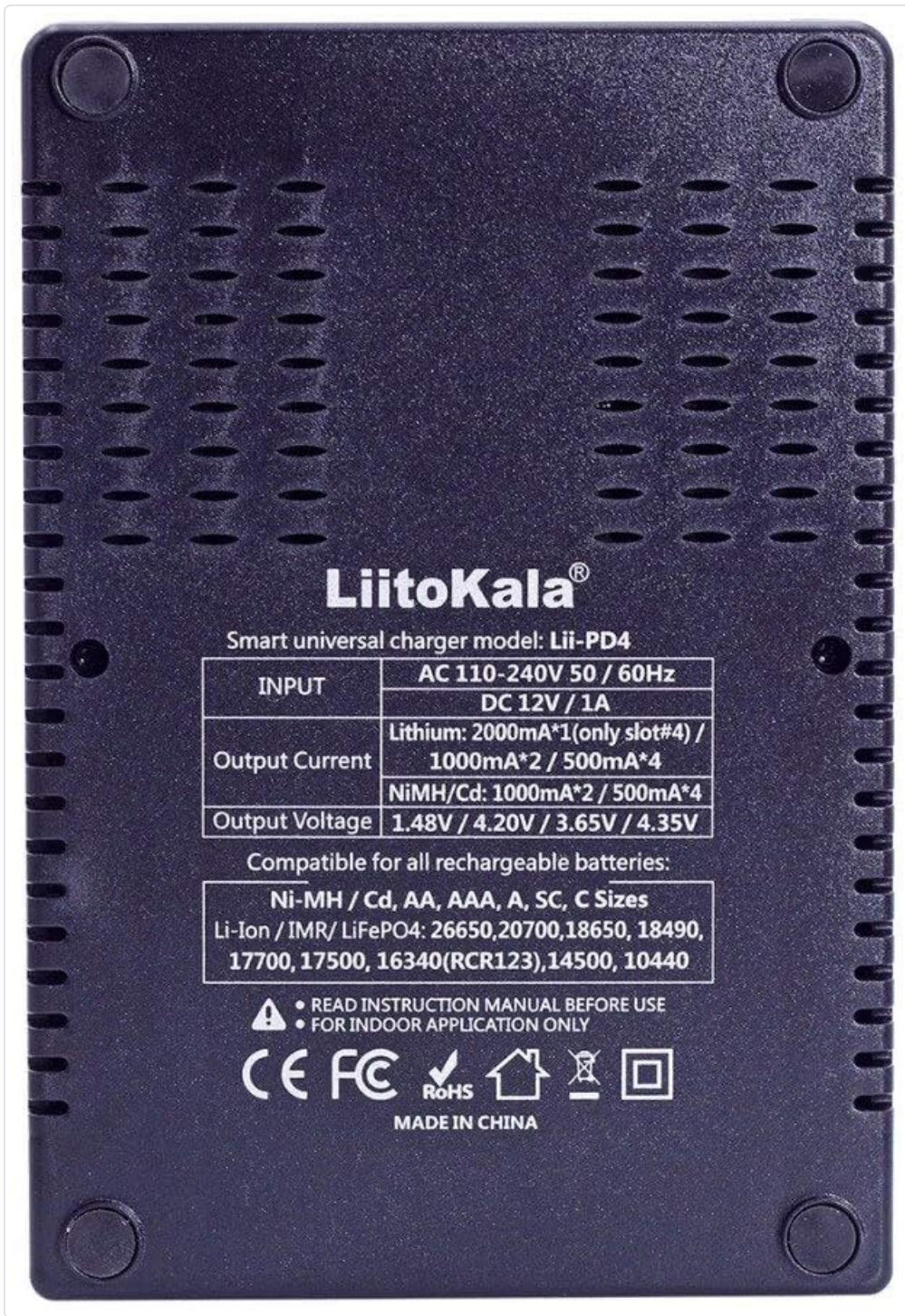


Image: Bottom view of the LiitoKala Lii-PD4 charger, displaying detailed input, output, and compatibility specifications.

Feature	Detail
Model	Lii-PD4
Input	AC 110-240V 50/60Hz, DC 12V/1A
Output Current (Lithium)	2000mA*1 (Slot #4 only) / 1000mA*2 / 500mA*4
Output Current (NiMH/Cd)	1000mA*2 / 500mA*4
Output Voltage	1.48V / 4.20V / 3.65V / 4.35V
Compatible Batteries	Ni-MH/Cd (AA, AAA, A, SC, C), Li-ion/IMR/LiFePO4 (26650, 20700, 18650, 18490, 17700, 17500, 16340(RCR123), 14500, 10440)
Dimensions	17.6 x 13.6 x 4.2 cm
Weight	320 grams

9. WARRANTY AND SUPPORT

The LiitoKala Lii-PD4 charger is manufactured to high-quality standards. For any quality-related issues with the product, please contact customer support. The manufacturer aims for 100% customer satisfaction and offers solutions including refunds or replacements for verified defects.