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› Blomiky 2 Pack 7.4V / 2 x 3.7V 400mA USB Charger Cable with SM-4P 4 pin Plug for Old Version UDI001 UDI008 UDI009 and HJ808 RC Boat Battery UDI001 USB 2

Blomiky UDI001

Blomiky 7.4V/3.7V USB Charger Cable Instruction Manual

Model: UDI001

For Old Version UDI001, UDI008, UDI009, HJ808 RC Boat Batteries and Compatible Models

PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your Blomiky 7.4V / 2 x 3.7V 400mA USB Charger Cable. This charger is specifically designed for RC boat batteries utilizing the SM-4P 4-pin plug, including old versions of UDI001, UDI008, UDI009, and HJ808 RC boats, as well as other compatible models such as Altair AA102, Altair MidSize AA Wave, HONGXUNJIE HJ808, Cheerwing Venom, Adventure Force 1:8 Trail Chaser RC Cars Buggy, DEERC HJ812, RANFLY, Hongxunjie HJ805, HJ808, HJ811, HJ812, and HJ815 RC Boat batteries.

It is crucial to verify the connector type and pin configuration of your battery before use to ensure compatibility and prevent damage. This charger features built-in over-charged IC circuit protection for enhanced safety.



Bulge side on above,
1, 3 cable are positive,
2, 4 cable are neative

Image: Two Blomiky 7.4V USB charger cables, each with a standard USB-A plug on one end and an SM-4P 4-pin connector on the other, designed for charging compatible RC boat batteries.

SAFETY INFORMATION

- **Compatibility:** This charger is designed exclusively for 7.4V / 2 x 3.7V Li-ion batteries with an SM-4P 4-pin plug. Do not attempt to charge other battery types or batteries with different connectors.

- **Correct Polarity:** Ensure the SM-4P connector is plugged in with the correct orientation. The convex side of the plug should be on top. The first and third pins are positive, and the second and fourth pins are negative. Incorrect connection can damage the battery and charger.
- **Supervision:** Always supervise batteries during charging.
- **Environment:** Charge in a well-ventilated area, away from flammable materials. Do not expose the charger to moisture or extreme temperatures.
- **Damage:** Do not use the charger if the cable or connectors are damaged.

SETUP AND CONNECTION

Follow these steps to properly connect your charger and battery:

1. **Identify Battery Connector:** Confirm your RC boat battery has an SM-4P 4-pin connector.
2. **Connect to Power Source:** Plug the USB-A end of the charger cable into a compatible USB power source (e.g., computer USB port, USB wall adapter, power bank). The power source should provide 5V DC, 2A output.
3. **Connect Battery:** Carefully align the SM-4P connector of the charger with the SM-4P connector on your battery. Ensure the convex side of the charger's plug is facing upwards when connecting. Push firmly until it clicks into place.

Only fit below battery,
not include battery



Plug bulge side on above, red 1 and
white 3 cable is positive, black and
blue cable is negative.
1.3 are postive, 2.4 are negative

Image: A detailed diagram illustrating the pin configuration of the SM-4P connector. It shows that pins 1 and 3 are positive, while pins 2 and 4 are negative. This visual aid helps ensure correct polarity during connection.



Image: The Blomiky SM-4P charger cable is shown connected to a blue RC boat battery pack. The image highlights the correct orientation of the SM-4P plug, with the bulge side facing up, and indicates the positive and negative pins for proper connection.

OPERATING INSTRUCTIONS (CHARGING PROCESS)

The charger features an LED indicator to show the charging status:

- **Charging:** When the battery is connected and charging, the LED indicator on the charger will display a **solid red light**.
- **Fully Charged:** Once the battery is fully charged, the LED indicator will change to a **solid green light**.

Disconnect the battery from the charger once the green light appears to prevent overcharging, although the built-in IC circuit protection helps mitigate this risk.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your charger cable:

- **Cleaning:** Use a dry, soft cloth to clean the charger and connectors. Do not use liquids or abrasive cleaners.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. Keep it away from children and pets.
- **Handling:** Avoid bending or crimping the cable excessively, as this can damage the internal wires. Always pull from the plug, not the cable, when disconnecting.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger LED does not light up.	No power from USB source, or incorrect connection.	Ensure the USB power source is active and providing power. Try a different USB port or power adapter. Verify the charger cable is securely plugged into the USB port.
Charger LED remains red after extended charging time.	Battery not fully charged, or battery issue.	Allow more time for charging. Check if the battery is damaged or at the end of its lifespan. Ensure the battery is compatible with this charger.

Problem	Possible Cause	Solution
Charger LED is green immediately after connecting battery.	Battery already fully charged, or incorrect connection/compatibility.	Confirm the battery requires charging. Verify the SM-4P connector is correctly oriented and fully inserted. Ensure the battery is compatible with this charger (7.4V / 2x3.7V Li-ion with SM-4P).
Charger does not fit my battery.	Incompatible battery connector.	This charger is specifically for SM-4P 4-pin connectors. If your battery has a different connector, this charger is not compatible. Refer to the product description for compatible models.

SPECIFICATIONS

- **Brand:** Blomiky
- **Model Number:** UDI001 (Charger Cable)
- **Input:** DC 5V, 2A (via USB-A)
- **Output:** 7.4V / 2 x 3.7V, 400mA
- **Connector Type:** SM-4P 4-pin plug
- **Cable Type:** USB
- **Built-in Protection:** Over-charged IC circuit protection
- **Color:** Black (cable)
- **Unit Count:** 2.0 Count (as typically sold in a pack)
- **Item Weight:** Approximately 15 Grams (0.529 ounces) per cable
- **Manufacturer:** UDIRC

WARRANTY AND SUPPORT

For any questions, concerns, or technical support regarding your Blomiky USB Charger Cable, please contact the manufacturer or seller directly through your purchase platform. Keep your purchase receipt or order number handy for faster service. Specific warranty details may vary by retailer and region. Please refer to the terms and conditions provided at the time of purchase for information on warranty coverage.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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