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Model: 3.7V 1200mAh Li-ion Battery with 5-in-1 Charger

1. INTRODUCTION

Thank you for choosing the sea jump 3.7V 1200mAh Li-ion Battery and 5-in-1 Charger set. This product is designed to provide reliable power for various remote-controlled devices, including the HJ819, DE819 Remote Control Boats, and Huina 1337, 1338, 1516, 1517 Remote Control Engineering Vehicles and other compatible RC toys. This manual provides essential information for safe and efficient use, setup, operation, and maintenance of your batteries and charger.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 5 x 3.7V 1200mAh Li-ion Batteries (JST-2P plug)
- 1 x 5-in-1 USB Charger

3. SETUP AND CHARGING

Before first use, ensure all batteries are fully charged. The included 5-in-1 USB charger allows simultaneous charging of multiple batteries.

3.1 Connecting the Charger

1. Connect the USB plug of the 5-in-1 charger to a suitable USB power source. This can be a USB wall adapter (DC 5V 2-3A recommended), a power bank, or a computer's USB port.
2. Ensure the power source is stable and provides sufficient current for optimal charging.

LED LIGHT REMINDER FUNCTION, FULLY CHARGED, TRAFFIC LIGHT ALWAYS ON



1. There is no light indication when connecting the charging cable to the power supply.



2. The red light remains on when the lithium battery is connected for charging.



3. When the red light is off, it indicates that the lithium battery is fully charged.

Image: The 5-in-1 charger's USB cable can be connected to various USB power sources for charging.

3.2 Charging the Batteries

1. Carefully connect each 3.7V 1200mAh Li-ion battery to an available port on the 5-in-1 charger. Ensure the JST-2P plug is inserted correctly.
2. The charger uses a three-stage charging method (constant voltage/constant current/pulse) for efficient and safe charging.
3. Observe the charging indicator lights on the charger.



BATTERY SPECIFICATIONS

Battery Capacity:1200mAh

Discharge Rate:15C

Battery Voltage:3.7V

Battery Weight:40g/1.41oz

Battery Size: 66*18mm 6.6*1.8cm
2.60*0.71in

CHARGER DETAILS

Input:DC 5V 2-3A

Output:DC 3.7V 500mA

Charger Size:42*38*13mm

Charging plug:Five rechargeable
lithium batteries



HIGH CAPACITY BATTERY



Image: Multiple batteries connected to the 5-in-1 USB smart charger during the charging process.

3.3 Charging Indicator

- When the charging cable is connected to a power supply and a battery is connected for charging, the

red charging indicator light will be on.

- When the battery is fully charged, the red indicator light will turn off.



Image: Visual guide for the LED charging indicator: 1. No light when only power is connected. 2. Red light on when battery is charging. 3. Red light off when battery is fully charged.

4. OPERATING INSTRUCTIONS

Once the batteries are fully charged, they are ready for use in your compatible RC device.

1. Ensure your RC device is powered off before installing the battery.
2. Locate the battery compartment in your RC boat, engineering vehicle, or toy.
3. Carefully insert a charged 3.7V 1200mAh Li-ion battery into the compartment.
4. Connect the JST-2P plug of the battery to the corresponding port in your RC device. Ensure a firm and correct connection.
5. Close the battery compartment securely.
6. You can now power on your RC device and begin operation.



Image: The 3.7V 1200mAh Li-ion battery features a JST 2PIN connector, suitable for various RC applications.



Image: The battery's dimensions and examples of compatible RC models, including boats and engineering vehicles.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your batteries and charger.

- **Storage:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. Ideally, store them at room temperature (20-25°C or 68-77°F).
- **Charge Level for Storage:** For long-term storage, it is recommended to store Li-ion batteries at approximately 50-60% charge, not fully charged or fully discharged.
- **Cleaning:** Keep the battery and charger contacts clean and free from dust or debris. Use a dry, soft cloth for cleaning.
- **Inspection:** Regularly inspect batteries for any signs of damage, swelling, leakage, or unusual odors. Discontinue use immediately if any issues are observed.
- **Charger Care:** Keep the charger dry and avoid exposing it to moisture. Do not attempt to disassemble or repair the charger.

6. TROUBLESHOOTING

If you encounter issues with your sea jump batteries or charger, refer to the following common problems and solutions:

6.1 Battery Not Charging

- **No Indicator Light:** Ensure the USB charging cable is securely connected to a functional USB power source and the charger. Try a different USB port or power adapter.
- **Battery Not Connected:** Verify that the battery's JST-2P plug is fully and correctly inserted into the charger port.
- **Damaged Components:** Inspect the battery, charger, and cables for any visible damage. If damage is found, discontinue use and replace the affected component.

6.2 Short Operating Time

- **Incomplete Charge:** Ensure batteries are fully charged until the red indicator light on the charger turns off.
- **Battery Degradation:** Over time and with repeated charge cycles, battery capacity naturally decreases. This is normal for all rechargeable batteries.
- **Device Power Consumption:** High power draw from the RC device can lead to shorter run times.

7. SPECIFICATIONS



Image: Detailed specifications for both the battery and the charger.

Battery Specifications

Feature	Detail
Battery Type	Lithium Ion (Li-ion)
Voltage	3.7V
Capacity	1200mAh
Discharge Rate	15C
Connector Type	JST-2P
Dimensions (L x D)	66mm x 18mm (2.60 x 0.71 inches)
Weight	40g (1.41oz)
Recommended Use	Indoor/Outdoor RC devices

Charger Specifications

Feature	Detail
Input	DC 5V 2-3A
Output	DC 3.7V 500mA (per port)
Number of Ports	5
Dimensions (L x W x H)	42mm x 38mm x 13mm

8. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to property.

- Do not disassemble, puncture, short-circuit, or modify the batteries or charger.
- Keep batteries and charger away from water, fire, and extreme temperatures.
- Do not charge batteries unattended. Always monitor the charging process.
- Use only the provided 5-in-1 charger for these batteries. Using incompatible chargers may cause damage or fire.
- Keep out of reach of children and pets.
- If a battery shows signs of swelling, leakage, or damage, discontinue use immediately and dispose of it properly.
- Dispose of used batteries according to local regulations. Do not dispose of them in household waste.
- Avoid dropping or subjecting batteries to strong impacts.