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E-flite EFLC1015

E-flite 1S USB Li-Po 300 mAh Charger Instruction Manual

Model: EFLC1015

INTRODUCTION

Thank you for purchasing the E-flite 1S USB Li-Po 300 mAh Charger. This charger is designed for safe and efficient charging of 1-cell (1S) Lithium Polymer (Li-Po) batteries with a capacity of 300 mAh. Please read this entire manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property, and cause serious injury.



Image: E-flite 1S USB Li-Po 300 mAh Charger. This image shows the compact USB charger, typically black or dark-colored, with a USB connector on one end and a battery connector on the other, often featuring an indicator light.

SAFETY PRECAUTIONS

WARNING: Read and follow all precautions and instructions before use. Improper use of batteries can cause fire or explosion, resulting in serious injury and property damage.

- Never leave batteries near fire, water, or extreme temperatures.
- Never exceed the recommended charge rate (C-rating).
- Never short-circuit or modify batteries or their corresponding cables.
- Always use chargers compatible with Lithium Polymer batteries.
- Never leave charging batteries unattended.
- Never charge batteries overnight.
- Disconnect the charger if batteries become hot or swollen.
- Dispose of batteries properly according to local regulations.

- **CAUTION:** Avoid any impact on batteries. In case of impact, monitor the battery in a safe place for 10 minutes. If problems persist, discontinue use and return to Horizon Hobby.

PACKAGE CONTENTS

Verify that the following items are included in your package:

- 1 x E-flite 1S USB Li-Po 300 mAh Charger (Model EFLC1015)

SETUP

1. **Connect to Power Source:** Insert the USB connector of the charger into a compatible USB power source (e.g., computer USB port, USB wall adapter, or power bank). Ensure the power source can provide sufficient current for charging.
2. **Prepare Battery:** Ensure your 1S Li-Po battery is in good condition and not damaged or swollen.
3. **Connect Battery:** Carefully connect your 1S Li-Po battery to the charging port on the charger. Ensure the polarity is correct.

OPERATING INSTRUCTIONS

The E-flite 1S USB Li-Po 300 mAh Charger is designed for simple and automatic operation.

1. **Initiate Charging:** Once the charger is connected to a USB power source and a compatible 1S Li-Po battery is connected, the charging process will begin automatically.
2. **Indicator Light:** The charger typically features an LED indicator light to show the charging status.
 - **Solid Red/Orange:** Indicates the battery is currently charging.
 - **Solid Green:** Indicates the battery is fully charged.
 - **No Light/Flashing:** May indicate an error or no battery connected. Refer to the Troubleshooting section.
3. **Completion:** When the indicator light turns green, the battery is fully charged. Disconnect the battery from the charger, then disconnect the charger from the USB power source.

Important: Always monitor the battery during charging. If the battery becomes hot, swells, or shows any signs of damage, immediately disconnect it and place it in a safe, non-flammable location.

MAINTENANCE

- Keep the charger clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the charger in a cool, dry place away from direct sunlight and moisture.
- Regularly inspect the charger and its cables for any signs of damage. Do not use if damaged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger indicator light does not turn on.	No power from USB source, faulty USB cable, or charger malfunction.	Try a different USB port or power adapter. Check USB cable for damage. If problem persists, the charger may be faulty.
Battery does not charge (indicator light remains off or flashes).	Battery not properly connected, battery is faulty, or charger malfunction.	Ensure battery is securely connected with correct polarity. Test with a known good battery. If problem persists, the charger or battery may be faulty.
Battery becomes hot or swells during charging.	Battery fault, overcharging, or incorrect battery type.	Immediately disconnect the battery. Do not use the battery again. Dispose of it safely. Ensure you are charging a 1S Li-Po battery.

SPECIFICATIONS

Feature	Detail
Model Number	EFLC1015
Battery Type	1S Li-Po (Lithium Polymer)
Charge Current	300 mA
Output Voltage	3.7 Volts
Input Connector	USB
Number of Ports	1
Dimensions (L x W x H)	10.16 x 7.62 x 1.19 cm (4 x 3 x 0.47 inches)
Weight	10 grams (0.35 ounces)
Material	Plastic
Manufacturer	Horizon Hobby
Country of Origin	China

WARRANTY AND SUPPORT

For any issues or concerns with your E-flite 1S USB Li-Po 300 mAh Charger, especially if problems persist after troubleshooting, please contact Horizon Hobby customer support. Refer to the product packaging or the Horizon Hobby website for the most current contact information and warranty details.

Manufacturer: Horizon Hobby

Website: www.horizonhobby.com (Please check for regional websites)

