

VP-0741000

Generic Battery Charger for Sky Viper V2900Pro Drone (7.4V, XT30 Connector) - User Manual

Model: VP-0741000

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Generic Battery Charger, designed specifically for the Sky Viper V2900Pro Drone. This charger is rated for 7.4V batteries and features an XT30 connector. Please read this manual thoroughly before operating the charger to ensure proper function and safety.



Image 1: The Generic Battery Charger with its integrated XT30 connector and power plug.

2. SAFETY INFORMATION

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

- Use this charger only with 7.4V batteries that are compatible with an XT30 connector. Using incompatible batteries may cause damage or fire.
- Do not attempt to charge non-rechargeable batteries.
- Keep the charger away from water, moisture, and extreme temperatures.
- Do not operate the charger if it has been damaged in any way.
- Always unplug the charger from the power outlet when not in use.
- Do not cover the charger during operation to prevent overheating.
- Keep out of reach of children.
- Ensure the power outlet voltage matches the charger's input voltage (100-240VAC).

3. SETUP

Before charging, ensure your drone battery is a 7.4V battery with an XT30 connector. Verify the charger's specifications on its label.



Image 2: Close-up of the charger's label, displaying input/output specifications and model number VP-0741000.

1. **Inspect the Charger:** Check the charger and its cables for any visible damage. Do not use if damaged.
2. **Identify the Connector:** Confirm the charger has an XT30 connector. This is a yellow, two-pin connector.



Image 3: Detailed view of the XT30 connector, showing its two gold-plated pins.

3. **Plug into Power:** Insert the charger's AC plug into a standard wall outlet (100-240VAC).

4. OPERATING INSTRUCTIONS

Follow these steps to charge your Sky Viper V2900Pro Drone battery:

1. **Connect Battery:** Carefully connect the XT30 connector from the charger to the XT30 port on your drone's 7.4V battery. Ensure a firm connection.
2. **Observe Indicator Light:**
 - When the battery is connected and charging, the indicator light on the charger will illuminate **red**.

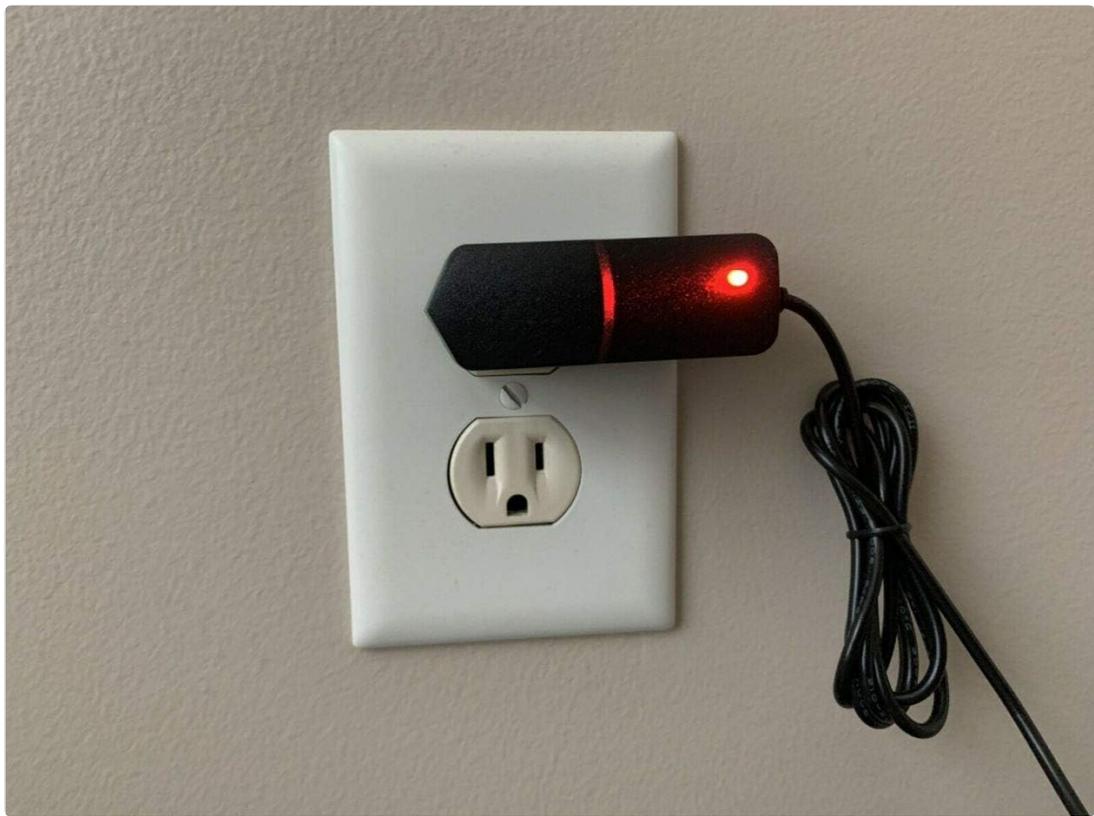


Image 4: The charger plugged into a wall outlet, showing a red light indicating the battery is currently charging.

- Once the battery is fully charged, the indicator light will turn **green**.



Image 5: The charger plugged into a wall outlet, showing a green light indicating the battery is fully charged.

3. **Disconnect Battery:** Once the light turns green, disconnect the battery from the charger.
4. **Unplug Charger:** Unplug the charger from the wall outlet.

Important: Do not leave batteries unattended while charging. Always charge in a fire-safe area.

5. MAINTENANCE

- Keep the charger clean and dry. Wipe with a soft, dry cloth.
- Store the charger in a cool, dry place when not in use.
- Regularly inspect the cable and connector for any signs of wear or damage.
- Do not attempt to open or repair the charger. Refer to qualified service personnel if needed.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger light does not turn on.	No power to the charger; faulty outlet; charger malfunction.	Check wall outlet with another device. Ensure charger is fully plugged in. If problem persists, charger may be faulty.
Charger light remains red for an extended period.	Battery not fully charged; battery issue.	Allow more time for charging. If charging time is excessively long, the battery may be damaged or nearing end of life.
Charger light turns green immediately.	Battery already fully charged; poor connection; battery issue.	Ensure battery is not already charged. Re-seat the XT30 connector firmly. If the battery is known to be discharged, it may be faulty.

7. SPECIFICATIONS

Feature	Detail
Model	VP-0741000
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	7.4VDC, 1A
Connector Type	XT30
Brand	Generic
UPC	798896227525

8. PRODUCT VIDEO

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Video 1: An overview of the Generic Battery Charger for Sky Viper V2900Pro Drone, demonstrating its physical characteristics and XT30 connector. This video is provided by VLM Group LLC.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided by your retailer at the time of purchase. As this is a generic product, specific warranty details may vary.

For technical support or further assistance, please contact the seller or retailer from whom you purchased this product. They can provide guidance specific to your purchase.