

Potensic A20/A20W Modular Battery

Potensic A20/A20W Drone Battery Instruction Manual

Model: A20/A20W Modular Battery

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Potensic A20/A20W modular drone batteries. Please read this manual thoroughly before using the batteries to ensure proper operation and to prevent damage or injury.

2. SAFETY INFORMATION

Important Safety Warnings:

- Do not disassemble, puncture, or modify the battery.
- Do not expose the battery to fire, direct sunlight, or high temperatures.
- Do not short-circuit the battery terminals.
- Use only the provided charging cable or a compatible charger specified by Potensic.
- Keep batteries out of reach of children and pets.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately and dispose of it properly.
- Do not charge batteries unattended.
- Dispose of used batteries according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 2 x Potensic A20/A20W Modular Batteries
- 1 x USB Charging Cable



Image: Two Potensic A20/A20W modular drone batteries and one USB charging cable, as typically included in the package.

4. SETUP

4.1 Charging the Battery

1. Connect the small end of the USB charging cable to the charging port on the battery.
2. Connect the larger end of the USB charging cable to a USB power adapter (e.g., phone charger, computer USB port) or a power bank.
3. The indicator light on the battery or charging cable will typically illuminate during charging and turn off or change color when fully charged. Refer to your drone's manual for specific charging indicator behavior.
4. Charging time may vary depending on the power source. Do not overcharge the battery.

Note: Always use the provided charging cable to ensure compatibility and safety.

4.2 Installing the Battery

1. Ensure the drone's power switch is in the "OFF" position.
2. Locate the battery compartment on your Potensic A20 or A20W drone.
3. Carefully insert the modular battery into the compartment, ensuring it clicks securely into place. The battery

is designed to fit snugly.

4. Close the battery compartment cover, if applicable.

Important: These batteries are specifically designed for Potensic A20 and A20W drones. Ensure correct orientation and a secure fit. If the battery does not fit easily, do not force it. Double-check compatibility with your specific drone model.

5. OPERATING GUIDELINES

Once the battery is installed and fully charged, you can power on your drone according to its specific instructions. Monitor battery levels during flight and land the drone before the battery is completely depleted to prolong its lifespan.

- Avoid flying in extreme temperatures, as this can affect battery performance and lifespan.
- Do not continue to fly when the drone's low battery warning is active.

6. MAINTENANCE

6.1 Storage

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to discharge the battery to approximately 50-60% of its capacity. Do not store fully charged or fully depleted batteries for extended periods.
- Store batteries in a fireproof bag or container if possible.

6.2 Cleaning

- Gently wipe battery contacts with a clean, dry cloth if they appear dirty.
- Do not use liquids or abrasive cleaners on the battery.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging.	Loose connection, faulty cable, faulty power source, damaged battery.	Ensure cable is securely connected. Try a different USB port or power adapter. Inspect the charging cable for damage. If the battery is swollen or damaged, discontinue use.
Short flight time.	Battery not fully charged, old battery, extreme flying conditions.	Ensure battery is fully charged before use. Battery capacity naturally degrades over time. Avoid flying in strong winds or very cold temperatures.
Battery does not fit in drone.	Incorrect battery model, incorrect orientation.	Verify that you have the correct battery model (Potensic A20/A20W). Ensure the battery is inserted with the correct orientation. Do not force the battery.

8. SPECIFICATIONS

Brand: Potensic

Model Name: A20/A20W Modular Battery

Number of Batteries: 2 (included in pack)

Battery Cell Composition: Lithium Ion

Battery Cell Type: Lithium Ion

Voltage: 3.7 Volts

Battery Weight: 5.2 Grams (per battery)

Reusability: Rechargeable

UPC: 657390332343

ASIN: B07PP281M3

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Potensic customer service. Refer to the original product packaging or the official Potensic website for contact details.

Please retain your purchase receipt as proof of purchase for warranty claims.