

## xbvxzvbn J3 YJCC012 BP4S2PPM5D

# xbvxzvbn Replacement Battery User Manual

Compatible with Narwal J3 YJCC012 BP4S2PPM5D Cleaning Robots

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your xbvzvbn replacement battery, designed for Narwal J3 YJCC012 BP4S2PPM5D series cleaning robots. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of the battery.

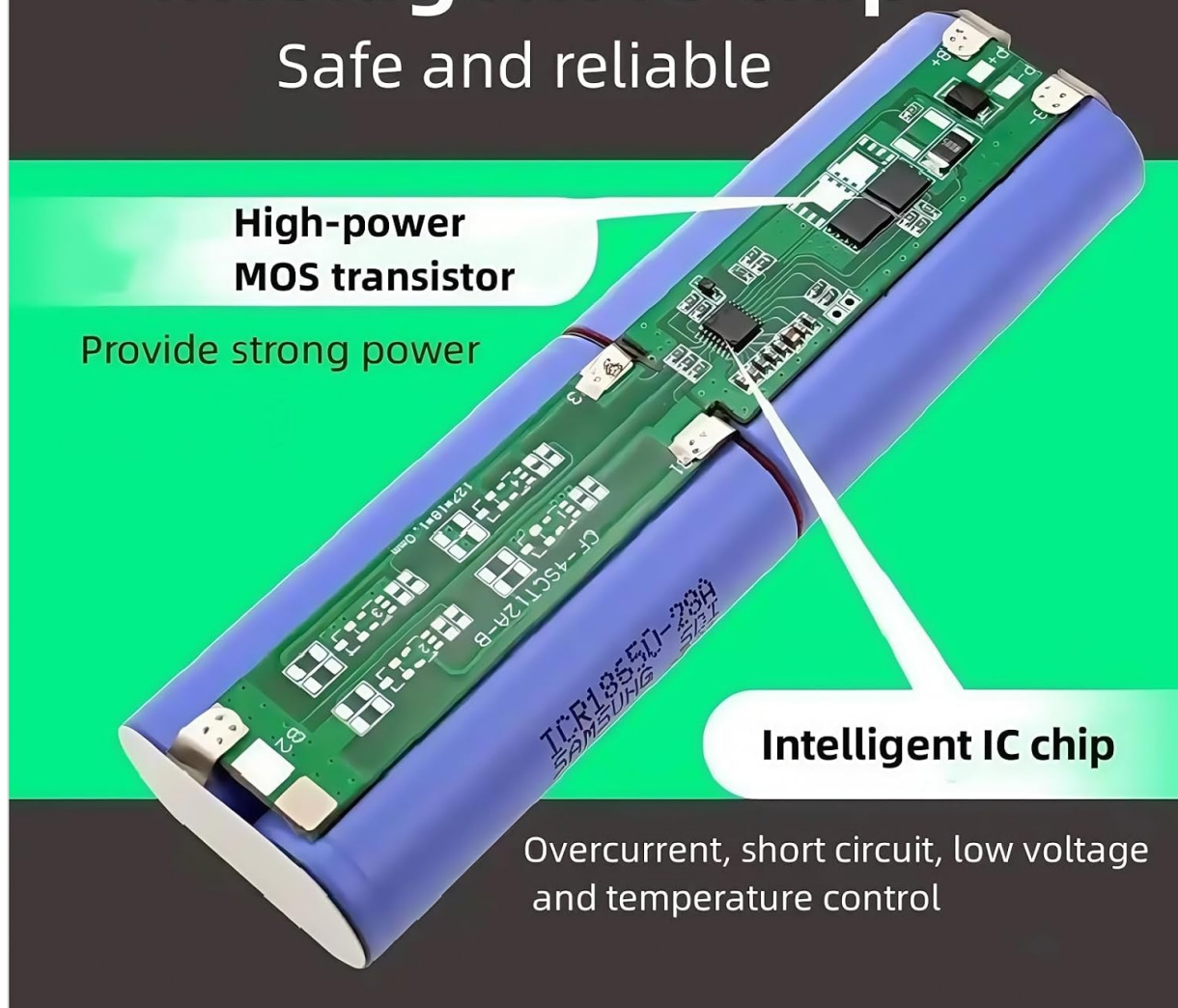
## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the battery, the cleaning robot, and to avoid personal injury:

- Do not disassemble, puncture, or modify the battery.
- Avoid exposing the battery to extreme temperatures, direct sunlight, or fire.
- Keep the battery away from water and moisture.
- Use only the original charging equipment provided with your Narwal cleaning robot.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.
- Keep out of reach of children and pets.

# Intelligent IC chip

Safe and reliable



**Figure 1:** Internal components of the battery, highlighting the intelligent IC chip for overcurrent, short-circuit, low voltage, and temperature control, and a high-power MOS transistor for strong power delivery.

The battery features built-in over-current, over-charge, over-voltage, over-temperature, and short-circuit protection circuits to enhance safety during operation and charging.

### 3. PRODUCT OVERVIEW

This high-capacity lithium-ion replacement battery is specifically designed for Narwal J3 YJCC012 BP4S2PPM5D series floor scrubber vacuum cleaners. It offers extended operating times, reducing the need for frequent recharges during cleaning cycles.



# For ..... J3.YJCC012

## BP4S2PPM5D

**Figure 2:** The replacement battery, clearly indicating its compatibility with Narwal J3 YJCC012 BP4S2PPM5D models.

## 4. SETUP AND INSTALLATION

Before installing the new battery, ensure your Narwal cleaning robot is powered off and unplugged from its charging station. Refer to your Narwal J3 YJCC012 BP4S2PPM5D cleaning robot's original user manual for specific instructions on accessing and replacing its battery compartment.

1. Locate the battery compartment on your cleaning robot.
2. Carefully remove the old battery, disconnecting any connectors.
3. Insert the new xbvzvbn replacement battery, ensuring the connectors are properly aligned and securely attached.
4. Close the battery compartment securely.
5. Place the robot on its charging station to initiate the first charge.

## 5. OPERATING INSTRUCTIONS

For optimal performance and battery life, follow these operating guidelines:

- **Initial Use:** It is recommended to completely drain the battery and then fully charge it during the first

11 charge-discharge cycles. This process can significantly improve the overall life of the battery.

- **Charging:** Always charge the battery using the original charging station or adapter for your Narwal J3 YJCC012 BP4S2PPM5D robot.
- **Cool-down Period:** After heavy or prolonged use, allow the battery to cool down for 15-30 minutes before placing the robot back on the charger. This helps maintain battery health and ensures efficient charging.
- **Storage:** If storing the robot for an extended period, ensure the battery is partially charged (around 50%) and store it in a cool, dry place. Avoid storing a fully discharged or fully charged battery for long durations.

## 6. MAINTENANCE

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Proper maintenance extends the life of your battery:

- Regularly clean the charging contacts on both the robot and the charging station to ensure a good connection.
- Avoid exposing the battery to extreme temperatures.
- Do not allow the battery to remain fully discharged for extended periods.

## 7. TROUBLESHOOTING

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If you encounter issues with your replacement battery, consider the following:

- **Robot not powering on:** Ensure the battery is correctly installed and fully charged. Check the charging contacts for cleanliness.
- **Reduced run time:** This can be normal over time. Ensure you are following the recommended charging and discharging cycles, especially during initial use. Allow the battery to cool before charging after heavy use.
- **Charging issues:** Verify the charging station is powered and the robot is properly seated. Clean charging contacts.

If problems persist, consult the Narwal J3 YJCC012 BP4S2PPM5D cleaning robot's original manual or contact customer support.

## 8. SPECIFICATIONS

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Figure 3: A detailed view of the battery's label, displaying technical specifications and certifications.

| Feature             | Detail                                                                   |
|---------------------|--------------------------------------------------------------------------|
| Model Compatibility | Narwal J3 YJCC012 BP4S2PPM5D                                             |
| Nominal Voltage     | 14.4V                                                                    |
| Capacity Options    | 6800mAh, 8800mAh, 9900mAh                                                |
| Battery Type        | Lithium-ion                                                              |
| Weight              | Approximately 50 g                                                       |
| Protection Features | Over-current, Over-charge, Over-voltage, Over-temperature, Short-circuit |

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your xbvxzvb replacement battery, please contact the seller directly through your purchase platform. Keep your purchase receipt or order number handy for faster service.

