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## YIKELAI AR182/A10/A13 Battery

# User Manual

## YIKELAI REPLACEMENT BATTERY FOR EICOBOT AR182/A10/A13 CORDLESS VACUUM CLEANER

Model: The Battery of A10 A13 AR182

### 1. Introduction

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This manual provides essential information for the safe and efficient use of your YIKELAI replacement battery for EICOBOT AR182, A10, and A13 cordless vacuum cleaners. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of the battery.

### 2. Safety Information

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Always adhere to the following safety guidelines to prevent damage to the battery, vacuum cleaner, or personal injury:

- Use only the original charger or a compatible charger specified by EICOBOT for charging.
- Do not expose the battery to extreme temperatures (above 60°C/140°F or below 0°C/32°F).
- Do not disassemble, puncture, or short-circuit the battery.
- Keep the battery away from water and moisture.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.
- Keep out of reach of children.

### 3. Product Overview

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The YIKELAI replacement battery is designed to provide reliable power for your EICOBOT AR182, A10, or A13 cordless vacuum cleaner. It features a robust design and integrated safety mechanisms.



**Figure 3.1:** The YIKELAI replacement battery for EICOBOT AR182/A10/A13 cordless vacuum cleaners. This image shows the white battery pack with a grey panel on the left side featuring a battery icon and four blue indicator lights, suggesting charge level. The top has a

multi-pin connector. The overall design is rectangular with rounded edges.

## 4. Setup and Installation

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Follow these steps to install the replacement battery into your EICOBOT cordless vacuum cleaner:

1. Ensure the vacuum cleaner is turned off and unplugged from any charging source.
2. Locate the battery compartment on your EICOBOT AR182, A10, or A13 vacuum cleaner. Refer to your vacuum cleaner's original manual if unsure.
3. If a battery is already installed, press the release button (if present) and carefully slide out the old battery.
4. Align the YIKELAI replacement battery with the battery slot, ensuring the connectors match.
5. Gently slide the new battery into the compartment until it clicks securely into place. Do not force the battery.
6. Once installed, the vacuum cleaner is ready for charging or use.

## 5. Operating Instructions

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### 5.1. Initial Charge

For optimal performance, fully charge the battery before its first use. The initial charging time is approximately 4 hours.

### 5.2. Charging the Battery

- Connect the vacuum cleaner (with the battery installed) to its charging adapter.
- Plug the adapter into a standard wall outlet.
- The battery indicator lights on the vacuum cleaner or battery itself will typically show charging progress. Refer to your vacuum cleaner's manual for specific indicator behavior.
- Once fully charged, disconnect the charger.

### 5.3. Battery Level Indicator

The battery features indicator lights (as shown in Figure 3.1) that typically display the remaining charge:

- **Four lights:** 75-100% charge
- **Three lights:** 50-75% charge
- **Two lights:** 25-50% charge
- **One light:** Below 25% charge, recharge soon

## 6. Maintenance

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- **Regular Charging:** Avoid completely draining the battery before recharging. Frequent partial charges are generally better for lithium-ion battery health than full discharge cycles.
- **Storage:** If storing the battery for an extended period, charge it to approximately 50-60% and store it in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.
- **Cleaning:** Keep the battery contacts clean and free of dust or debris. Use a dry cloth to wipe them if necessary.
- **Temperature:** Operate and store the battery within recommended temperature ranges to maximize its lifespan.

## 7. Troubleshooting

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Problem	Possible Cause	Solution
Battery not charging	Charger not connected properly; Faulty charger; Battery contacts dirty; Battery fault.	Ensure charger is securely connected. Try a different outlet. Clean battery contacts. If problem persists, contact support.
Vacuum cleaner not powering on with new battery	Battery not fully charged; Battery not installed correctly; Vacuum cleaner fault.	Charge the battery fully. Re-install the battery, ensuring it clicks into place. Test with another battery if possible, or consult vacuum cleaner manual.
Reduced run time	Battery not fully charged; Battery aging; High power mode usage.	Ensure battery is fully charged before use. Battery capacity naturally decreases over time. Use lower power modes when possible.
Battery gets hot during charging/use	Normal operation (slight warmth); Overcharging; Internal fault.	Slight warmth is normal. Disconnect if excessively hot. Ensure proper ventilation. If overheating persists, discontinue use and contact support.

## 8. Specifications

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**Brand:** YIKELAI

**Model Name:** A10 A13 AR182 (Battery for)

**Battery Type:** Lithium Ion

**Product Dimensions:** 7"L x 4.7"W x 2.7"H

**Item Weight:** 1 pounds

**Charging Time:** Approximately 4 Hours

**Color:** Black/Gray (referring to the vacuum cleaner, but the battery is white)

**Compatible Models:** EICOBOT AR182, EICOBOT A10, EICOBOT A13 Cordless Vacuum Cleaners

## 9. Warranty and Support

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For warranty information or technical support, please refer to the purchase documentation or contact YIKELAI customer service through the retailer where the product was purchased. Please have your product model number and purchase date ready when contacting support.

You can visit the official YIKELAI store on Amazon for more information: [YIKELAI Amazon Store](#)

