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## Henhaoro KDC-BAT180

# Henhaoro KDC-BAT180 Battery User Manual

For KOAMTAC KDC-250 and KDC-300 Barcode Scanners

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Henhaoro KDC-BAT180 Li-ion battery. This battery is specifically designed for compatibility with KOAMTAC KDC-250 and KDC-300 barcode scanners. Please read this manual thoroughly before installation and operation to ensure optimal performance and safety.

## 2. SAFETY INFORMATION

Your safety is paramount. Please observe the following warnings and precautions:

- **DO NOT** attempt to disassemble, open, or service the battery pack.
- **REPLACE ONLY** with the battery pack designated for this product (KDC-BAT180).
- **DO NOT** crush, puncture, short external contacts, or dispose of in fire or water.
- **DO NOT** store above 60°C (140°F).
- The limited charge voltage for this battery is 4.2V ± 0.05V. Use only compatible chargers.
- Keep the battery out of reach of children.
- Dispose of used batteries according to local regulations.

 Model No.: **CS-KDC250SL**  
 Part No.: **KDC-BAT180**  
 Rating.: **3.7VDC = 950mAh**  
**3.52Wh**  
**Lithium-ion Battery Pack**



**CAUTION WARRANTY VOID IF LABEL IS REMOVED**

- DO NOT ATTEMPT TO DISASSEMBLE, OPEN OR SERVICE THE BATTERY PACK.
- REPLACE ONLY WITH THE BATTERY PACK DESIGNATED FOR THIS PRODUCT.
- DO NOT CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS OR DISPOSE OF IN FIRE OR WATER.
- DO NOT STORE ABOVE 60°C (140°F).



Limited Charge Voltage:  $4.2V \pm 0.05V$  Standard: GB 31241-2014

Manufacture by : ShenZhen HENZENS Technology Co., Limited

Image 2.1: Close-up of the KDC-BAT180 battery label showing model number, specifications, and safety warnings.

### 3. PRODUCT OVERVIEW

The Henhaoro KDC-BAT180 is a high-quality Li-ion replacement battery designed to power your KOAMTAC KDC-250 and KDC-300 barcode scanners. It features robust safety mechanisms and reliable performance.

#### Key Features:

- No memory effect.
- Protection against over-charge, over-discharge, over-heat, over-current, and short-circuit.
- Certified with ROHS, CE, and UL standards.



Image 3.1: The Henhaoro KDC-BAT180 Li-ion battery.

## 4. SETUP AND INSTALLATION

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Follow these steps to correctly install the KDC-BAT180 battery into your KOAMTAC KDC-250 or KDC-300 barcode scanner:

1. Ensure your barcode scanner is powered off before attempting battery installation or removal.
2. Locate the battery compartment on your KOAMTAC KDC-250 or KDC-300 device. Refer to your scanner's original manual for specific instructions on opening the compartment.
3. Carefully align the KDC-BAT180 battery with the battery compartment's contacts. The battery is designed to fit in one specific orientation.
4. Gently push the battery into place until it is securely seated. Do not force the battery.
5. Close the battery compartment cover securely.

**Important:** Verify that the battery model (KDC-BAT180) and your device model (KDC-250/KDC-300) are compatible before installation.



Image 4.1: Angled view of the KDC-BAT180 battery, indicating the correct insertion direction.

## 5. OPERATING INSTRUCTIONS

### Charging the Battery:

The KDC-BAT180 is a rechargeable Li-ion battery. To charge, insert the battery into your KOAMTAC KDC-250 or KDC-300 scanner and connect the scanner to its designated charger. Follow the charging instructions provided with your barcode scanner. Ensure the charger is compatible with Li-ion batteries and meets the voltage requirements.

### First Use:

For optimal performance, it is recommended to fully charge the battery before its first use.

### Battery Life:

Battery life varies depending on usage patterns and environmental conditions. Regular charging and proper maintenance will help prolong the battery's lifespan.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your KDC-BAT180 battery:

- Storage:** If storing the battery for an extended period, store it in a cool, dry place, ideally at room temperature (around 20-25°C or 68-77°F) and partially charged (around 50%). Do not store above 60°C (140°F).
- Cleaning:** Keep the battery contacts clean and free from dust or debris. Use a dry, soft cloth to wipe the contacts if necessary.
- Avoid Extreme Temperatures:** Do not expose the battery to extreme heat or cold, as this can degrade

performance and shorten its lifespan.

- **Regular Use:** For best results, use and recharge the battery regularly.

## 7. TROUBLESHOOTING

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If you encounter issues with your KDC-BAT180 battery, consider the following:

- **Battery Not Charging:** Ensure the battery is correctly inserted into the scanner and the scanner is properly connected to a working charger. Check the charger and charging cable for damage.
- **Short Battery Life:** This can be due to heavy usage, aging battery, or extreme operating temperatures. Ensure the battery is fully charged. If the issue persists after prolonged use, the battery may be nearing the end of its lifespan.
- **Device Not Powering On:** Confirm the battery is fully charged and correctly installed. If the device still does not power on, the issue may lie with the scanner itself, not the battery.

If troubleshooting steps do not resolve the issue, please refer to the support section.

## 8. SPECIFICATIONS

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Specification	Detail
Model No.	CS-KDC250SL
Part No.	KDC-BAT180
Battery Type	Li-ion
Voltage	3.7V
Capacity	950mAh
Energy Rate	3.52Wh
Color	Black
Dimensions	39.20 x 30.00 x 9.20mm
Net Weight	22.5g / 0.79oz
Gross Weight	47.5g / 1.68oz
Certifications	ROSH, CE, UL
Manufacturer	ShenZhen HENZENS Technology Co., Limited

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support regarding your Henhaoro KDC-BAT180 battery, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.