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› Empire NiMh 3.6V 1500mAh Ultra Hi-Capacity Cordless Phone Battery for Panasonic KX-TC1503W User Manual

Empire NiMh 3.6V 1500mAh Ultra Hi-Capacity Battery

Empire NiMh 3.6V 1500mAh Ultra Hi-Capacity Cordless Phone Battery User Manual

Model: NiMh 3.6V 1500mAh Ultra Hi-Capacity Battery

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Empire NiMh 3.6V 1500mAh Ultra Hi-Capacity Cordless Phone Battery. This battery is designed to be compatible with Panasonic KX-TC1503W cordless phones. Please read this manual thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

- **Do not** disassemble, crush, puncture, or short-circuit the battery.
- **Do not** expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- **Do not** dispose of the battery in fire or water.
- Use only the charger specified for your cordless phone model.
- Keep the battery out of reach of children.
- If the battery leaks, avoid contact with skin and eyes. Rinse immediately with water and seek medical attention.
- Dispose of used batteries according to local regulations.

SETUP

1. Unpacking

Carefully remove the battery from its packaging. Inspect the battery for any visible damage. If damaged, do not use and contact your supplier.

2. Battery Installation

Refer to your Panasonic KX-TC1503W cordless phone's user manual for specific instructions on how to open the battery compartment. Typically, this involves:

1. Ensure the cordless phone is disconnected from its power source.
2. Locate the battery compartment cover on the back of the handset.
3. Remove the cover. If an old battery is present, carefully disconnect and remove it.
4. Connect the new Empire battery's connector to the corresponding port inside the battery compartment, ensuring the polarity is correct.
5. Place the battery securely into the compartment.
6. Replace the battery compartment cover.



Image: Empire NiMh 3.6V 1500mAh Ultra Hi-Capacity Cordless Phone Battery. This image shows the battery with its connector, ready for installation into a compatible cordless phone handset.

3. Initial Charging

After installing the battery, place the cordless phone handset on its charging base. For optimal performance, allow the battery to charge continuously for **12-15 hours** before its first use, even if the phone indicates a full charge sooner. This initial charge helps to condition the NiMh battery for maximum capacity and lifespan.

OPERATING

Normal Use and Charging Cycles

For daily use, return the handset to its charging base when not in use. NiMh batteries do not suffer from the "memory effect" as severely as older NiCd batteries, but occasional full discharge and recharge cycles can help maintain battery health. Avoid leaving the battery completely discharged for extended periods, as this can reduce its lifespan.

MAINTENANCE

Battery Care Tips

- **Cleaning:** Keep the battery contacts and the phone's charging contacts clean and free of dust or debris. Use a dry, soft cloth for cleaning.
- **Temperature:** Operate and store the battery within recommended temperature ranges (typically 0°C to 45°C / 32°F to 113°F). Extreme temperatures can degrade battery performance and lifespan.
- **Storage:** If storing the battery for an extended period (more than one month), charge it to about 50% capacity and store it in a cool, dry place. Recharge it every 3-6 months to prevent deep discharge.
- **Replacement:** The typical lifespan of a NiMh battery is 1-3 years, depending on usage. If you notice a significant decrease in talk time or standby time, it may be time to replace the battery.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Phone does not power on after battery installation.	Battery not properly connected or not charged.	Ensure battery connector is firmly seated. Place handset on charger for initial 12-15 hour charge.
Short talk time or standby time.	Battery not fully charged, battery nearing end of life, or improper charging habits.	Perform a full 12-15 hour charge. Ensure handset is always on the charger when not in use. If problem persists, consider replacing the battery.
Phone indicates "Low Battery" frequently.	Battery capacity has degraded.	The battery may need replacement.

SPECIFICATIONS

Brand: Empire

Model Name: NiMh 3.6V 1500mAh Ultra Hi-Capacity Battery

Battery Cell Composition: NiMH (Nickel-Metal Hydride)

Voltage: 3.6 Volts

Battery Capacity: 1500 mAh (milliamp-hours)

Reusability: Rechargeable

Recommended Uses: Cordless Phone (specifically Panasonic KX-TC1503W)

Included Components: 1 Battery

ASIN: B01B6SK02C

UPC: 744596693696

WARRANTY AND SUPPORT

Empire batteries are manufactured to high-quality standards. This product typically comes with a limited warranty against defects in materials and workmanship. Please refer to the packaging or the retailer's

website for specific warranty terms and duration.

For technical support or warranty claims, please contact your point of purchase or visit the official Empire website for customer service contact information. When contacting support, please have your product model and purchase details available.