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> Vineyuan BL2006, BL2008, BL2503 Li-ion Battery User Manual for HYTERA DMR Two-Way Radios

Vineyuan BL2006, BL2008, BL2503

Vineyuan BL2006, BL2008, BL2503 Li-ion Battery User Manual

Model: BL2006, BL2008, BL2503 | Brand: Vineyuan

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Vineyuan BL2006, BL2008, and BL2503 series Li-ion replacement batteries. These batteries are designed for use with compatible HYTERA DMR portable two-way radios. Please read this manual thoroughly before using the product.

PRODUCT OVERVIEW

The Vineyuan BL2006, BL2008, and BL2503 series batteries are high-quality Li-ion power sources for your two-way radios. They offer reliable performance and are built with durable materials.

Compatible Radio Models:

- HYTERA DMR PD-702
- HYTERA DMR PD-782
- HYTERA DMR PD700, PD700S
- HYTERA DMR PD702G-U1, PD702G-U1-RFB, PD702G-U2
- HYTERA DMR PD702G-V1, PD702G-V1-RFB
- HYTERA DMR PD980, PD982, PD985

Vineyuan

BL2006 2000mAh/14.6Wh Li-ion Battery for HYT HYTERA Radios

True Specifications ■
High Capacity ■
Long Standby ■

HOT

MODEL: BL2006
DC 7.4V 2000mAh/14.6Wh
CAUTION:
Never attempt to disassemble,
destroy or short circuit
the battery. Never dispose
of it in fire!
6 927404 320067
*2104060057
MADE IN CHINA

注意 (CAUTION)
气压调整孔
请勿堵塞和误开
Air pressure adjusting hole
Do not tamper with or cover

Figure 1: Compatible HYTERA Two-Way Radio Models.

Battery Specifications:

- Voltage: 7.4V
- Chemistry: Li-ion battery
- Capacity: 2000mAh (BL2006, BL2008), 2600mAh (BL2503)
- Weight: Approximately 112g (0.24lb) per piece

Compatible with HYT HYTERA Two Way Radios:

For HYT HYTERA DMR PD-702
DMR PD-782 PD-502 PD-506 PD-606
PD700 PD-700 PD700S PD702G-U1
PD702G-U1-RFB PD702G-U2
PD702G-V1 PD702G-V1-RFB

PD-728 PD-700 PD-702G-U1

Figure 2: Key Battery Specifications.

SETUP AND INSTALLATION

Initial Charging:

The battery is shipped with a partial charge. For optimal performance and battery longevity, it is recommended to fully charge the battery before its first use. Ensure the charger indicates a full charge (typically a green light).

Compatible Charger:

Use only the compatible CH10A07 battery charger base for charging these batteries. Using an incompatible charger, especially a Ni-MH charger, can damage the battery and pose safety risks.



Figure 3: Battery charging with CH10A07 charger.

Battery Installation:

Align the battery with the battery compartment of your compatible HYTERA two-way radio. Gently slide the battery into place until it clicks securely. Ensure the battery is firmly seated to maintain proper contact.

Your browser does not support the video tag.

Video 1: Demonstration of battery handling and placement into a charger. This video illustrates the physical interaction with the battery and charger.

OPERATING INSTRUCTIONS

Once installed and fully charged, the battery powers your two-way radio. Refer to your radio's user manual for specific operating instructions related to power management and battery indicators.

- **Power On/Off:** Follow your radio's instructions to power on or off.
- **Battery Level Check:** Monitor the battery level indicator on your radio to determine when recharging is necessary.
- **Recharging:** When the battery level is low, remove the battery from the radio and place it in the CH10A07 charger until fully charged.

MAINTENANCE AND CARE

- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to about 50% capacity.
- **Cleaning:** Use a dry, soft cloth to clean the battery terminals if necessary. Do not use harsh chemicals or abrasive materials.
- **Safety:**
 - Never attempt to disassemble, destroy, or short-circuit the battery.
 - Do not dispose of batteries in fire.
 - Keep batteries away from children.
 - Avoid dropping or subjecting the battery to severe impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Incorrect charger, poor contact, battery fault	Ensure using CH10A07 charger. Check battery and charger contacts for debris. Try another battery if available.
Short operating time after full charge	Battery aging, improper charging cycle	Ensure battery is fully charged before use. Consider replacing the battery if it's old.
Radio not powering on with battery	Battery not installed correctly, battery discharged, battery fault	Re-install battery, ensure it's fully charged. Test with another battery if possible.

DETAILED SPECIFICATIONS

Feature	Detail
Brand	Vineyuan
Model Numbers	BL2006, BL2008, BL2503
Battery Cell Composition	Lithium Ion
Voltage	7.4 Volts
Capacity (BL2006/BL2008)	2000 mAh
Capacity (BL2503)	2600 mAh
Weight (approx.)	112g (0.24lb)
Compatible Charger	CH10A07
Recommended Use	Portable Two-Way Radios
Product Identifier (UPC)	6927404320067
Product Identifier (SKU)	2104060057



Figure 4: Battery Model Comparison (BL2006, BL2503, BL2008).

WARRANTY AND SUPPORT

Manufacturer Warranty: This product is covered by a 90-day manufacturer warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Customer Support: For any questions, technical assistance, or warranty claims, please contact Vineyuan customer

support through your original point of purchase. Please have your purchase details and product model number ready.

