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Banshee QKB47L-18

Banshee 1800mAh Li-Ion Battery User Manual

Model: QKB47L-18

1. Introduction

This manual provides essential information for the safe and effective use of your Banshee 1800mAh Li-Ion Battery, model QKB47L-18. Please read this manual thoroughly before use and retain it for future reference. This battery is designed to provide reliable power for compatible Kenwood two-way radios.

2. Product Overview

The Banshee QKB47L-18 is a high-capacity 1800mAh Lithium-Ion battery designed for compatible Kenwood two-way radios. It operates at 7.5V and is engineered to meet or exceed original equipment manufacturer (OEM) specifications for performance and reliability.

Image 1: Front view of the Banshee QKB47L-18 Li-Ion battery, displaying the brand logo, part number, capacity, and voltage information.

Key Features:

- 7.5V Li-Ion Battery
- 1800mAh Battery Capacity
- Utilizes high-quality cells and components
- Compatible with Kenwood TK-5220, TK-5320, NX-200, NX-300, and KNB-47L models.

3. Safety Information

Please observe the following safety precautions to prevent injury or damage to the battery and radio:

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery.
- Do not expose the battery to mechanical shock.
- In case of a battery leak, do not allow the liquid to come into contact with skin or eyes. If contact has occurred, wash the affected area with copious amounts of water and seek medical advice.
- Use only the charger specified for this battery.
- Keep batteries out of reach of children.
- Dispose of used batteries promptly and according to local regulations.

4. Setup and Installation

This section outlines the general procedure for installing the Banshee QKB47L-18 battery into a compatible two-way radio.

1. Ensure the radio is powered off before attempting battery installation or removal.
2. Align the battery with the battery compartment on the back of the radio, ensuring the contacts on the battery align with the terminals on the radio.
3. Slide the battery into place until it clicks securely. Ensure the battery latch engages properly to prevent accidental detachment.
4. To remove the battery, disengage the battery latch (usually a small button or lever) and slide the battery out of the compartment.

Image 2: Back view of the Banshee QKB47L-18 Li-Ion battery, highlighting the electrical contacts for connection to the radio.

5. Charging

To ensure optimal performance and longevity, use only chargers specified for Lithium-Ion batteries compatible with the Kenwood radio models listed.

1. Connect the charger to a suitable power source.
2. Place the radio with the installed battery into the charging cradle, or connect the battery directly to a compatible standalone charger. Ensure the battery is seated correctly and the charging contacts are aligned.
3. Observe the charger's indicator light for charging status. Refer to your radio's or charger's manual for specific indicator meanings (e.g., red for charging, green for fully charged).
4. Do not overcharge the battery. Remove the battery once fully charged to prevent potential damage and prolong its lifespan.

6. Operation

Once installed and charged, the battery powers your compatible two-way radio. Refer to your radio's specific user manual for detailed operating instructions.

- Monitor the radio's battery level indicator to avoid unexpected power loss during critical operations.
- For best performance and battery health, operate the battery within its specified temperature range, typically between -10°C to +60°C (14°F to 140°F).

7. Maintenance

Proper maintenance extends the life of your Banshee battery and ensures reliable performance.

- **Cleaning:** Periodically clean the battery contacts and radio terminals with a clean, dry, lint-free cloth to ensure good electrical connection and prevent corrosion.

- **Storage:** If storing the battery for an extended period (more than one month), charge it to approximately 50% capacity. Store it in a cool, dry place away from direct sunlight, extreme temperatures, and corrosive materials.
- **Avoid Deep Discharge:** Do not allow the battery to fully discharge repeatedly, as this can reduce its overall lifespan and capacity. Recharge the battery when the radio indicates a low battery level.

8. Troubleshooting

This section addresses common issues you might encounter with your battery.

Problem	Possible Cause	Solution
Battery not charging	Incorrectly seated in charger; Faulty charger; Dirty contacts on battery or charger.	Ensure battery is properly seated in the charger; Try a different, known-good charger; Clean battery and charger contacts with a dry cloth.
Short operating time after full charge	Battery not fully charged; Battery nearing end of its service life; Extreme operating temperatures.	Ensure battery is fully charged according to charger indicators; If the issue persists, consider replacing the battery; Operate within recommended temperature ranges.
Radio not powering on with battery	Battery not installed correctly; Battery fully discharged; Battery fault.	Re-install battery securely, ensuring latches engage; Charge the battery fully; If still unresponsive, the battery may be faulty and require replacement.

9. Specifications

Technical specifications for the Banshee QKB47L-18 battery:

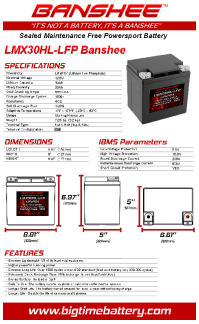
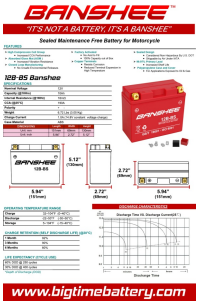
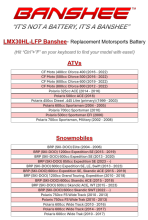
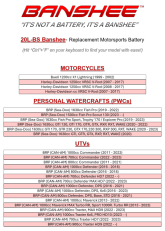
Specification	Value
Model Number	QKB47L-18
Battery Type	Lithium Ion (Li-Ion)
Nominal Voltage	7.5V
Capacity	1800 mAh
Compatible Radios	Kenwood TK-5220, TK-5320, NX-200, NX-300, KNB-47L
Manufacturer	BatteryJack Inc.
Approximate Item Weight	1 pound
Date First Available	March 15, 2016

10. Warranty and Support

This Banshee battery comes with an 18-month warranty. This warranty covers cells, casings, and all components from the date of purchase, provided the product has been used according to the instructions in this manual and has not been subjected to misuse or unauthorized modification.

For warranty claims, technical support, or any product-related inquiries, please contact Banshee customer service through their official website or the retailer from whom the product was purchased. Please have your purchase receipt and product model number (QKB47L-18) available when contacting support.

Related Documents - QKB47L-18

	Banshee LMX30HL-LFP Powersport Battery - Specifications & Features Detailed specifications, dimensions, and features for the Banshee LMX30HL-LFP Sealed Maintenance Free Powersport Battery. This LiFePO4 battery offers high cranking power, rapid recharge capabilities, and an extended lifespan for powersport applications.
	Banshee 12B-BS Motorcycle Battery - Sealed Maintenance-Free AGM Detailed specifications and features for the Banshee 12B-BS Sealed Maintenance-Free AGM motorcycle battery. Includes voltage, capacity, CCA, dimensions, temperature range, and performance data from BigTimeBattery.com.
	Banshee LMX30HL-LFP Replacement Motorsports Battery Compatibility Guide Comprehensive compatibility list for the Banshee LMX30HL-LFP replacement motorsports battery, detailing compatible models across ATVs, Snowmobiles, Motorcycles, and UTVs from leading manufacturers like Polaris, BRP, Arctic Cat, BMW, Harley-Davidson, and more.
	Banshee 14-BS Replacement Battery Compatibility Guide for Powersports Vehicles This guide lists compatible vehicle models for the Banshee 14-BS replacement powersports battery, covering ATVs, Snowmobiles, UTVs, Motorcycles, and Scooters from major manufacturers.
	Banshee 20L-BS Replacement Motorsports Battery Compatibility Guide Find Banshee 20L-BS battery compatibility for Motorcycles, Personal Watercraft (PWCs), UTVs, ATVs, and Snowmobiles from brands like Buell, Harley-Davidson, and BRP (Sea-Doo, Can-Am, Ski-Doo).

BANSHEE™

"IT'S NOT A BATTERY, IT'S A BANSHEE"

12B-BS Banshee- Replacement Motorsports Battery

(Hit "Ctrl"+"F" on your keyboard to find your model with ease!)

SCOOTERS

Piaggio Vespa 946cc Vespa 946 (2013 - 2016)

MOTORCYCLES

Ducati 1198cc 1198S (2007 - 2009)
Ducati 848cc 848 Evo Corse SE (2013 - 2015)
Ducati 848cc 848 Corse SE (2008 - 2012)
Ducati 1098cc Desmosedici RR (2008 - 2009)
Ducati 1098cc 1098 (2007 - 2009)
Ducati 1299cc Panigale S (2015 - 2017)
Ducati 1000cc ST1000, Touring, Sport ST1000 (2006)
Ducati 1000cc Monster S4RS (2006 - 2008)
Ducati 996cc Super Hornet (2000 - 2001)
Ducati 937cc Hypermotard 939 (2016 - 2018)
Ducati 937cc Hypermotard 950 (2019 - 2021)
Ducati 937cc Hypermotard 939 (2016 - 2020)
Ducati 821cc Monster (2014 - 2016)
Ducati 803cc Hypermotard 821 (2013 - 2015)
Ducati 749cc Panigale 749S (2013 - 2015)
Ducati 749cc Panigale 749S (2006 - 2010)
Ducati 749cc Monster 750 (2017 - 2019)
Ducati 749cc Monster 750 (2017 - 2019)
Ducati 749cc Monster 749 (2006 - 2007)
Ducati 749cc Hypermotard 749 (2007 - 2012)
Ducati 749cc Hypermotard 749 (2007 - 2012)
Ducati 748cc Monster 748 (1995 - 1999)
Ducati 659cc Hypermotard 950 (2019 - 2020)
Ducati 659cc Hypermotard 950 (2019 - 2020)
Ducati 659cc Multistrada 950 (2019 - 2020)
Ducati 659cc Multistrada 950 (2017 - 2020)
Ducati 659cc Monster 659 (2011 - 2013)
Ducati 659cc Scrambler (2015 - 2020)
Ducati 659cc Scrambler (2015 - 2020)
Ducati 659cc Scrambler Icon (2015)
Kawasaki 649cc Sport Touring Z 650 (2001 - 2003)
Ducati 620cc Monster 620 (2001 - 2004)
Ducati 620cc Street Fighter S (2004 - 2012)
Ducati 620cc SuperSport (2017 - 2020)

[Banshee 12B-BS Battery Compatibility Guide for Motorcycles and Scooters]

Find the correct Banshee 12B-BS replacement battery for your Ducati, Kawasaki, Triumph, Yamaha, or Piaggio-Vespa motorcycle or scooter. This comprehensive compatibility list helps you identify the right fit.