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> [MotoBatt MBT12B4 QuadFlex AGM Battery User Manual](#)

## MotoBatt MBT12B4

# MotoBatt MBT12B4 QuadFlex AGM Battery User Manual

Model: MBT12B4 | Brand: MotoBatt

## 1. INTRODUCTION

The MotoBatt MBT12B4 QuadFlex AGM Battery is a high-performance, maintenance-free power solution designed for various powersports vehicles. This manual provides essential information for safe and effective use, including installation, operation, maintenance, and troubleshooting.

## 2. SAFETY INFORMATION

**WARNING: Lead-acid batteries generate explosive gases. Keep sparks, flames, and lighted cigarettes away from battery. Ventilate spaces where used or charged. If you contact sulfuric acid, flush with water and call physician. Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known by the State of California to cause cancer and reproductive harm. Wash hands after handling.**

- Always wear appropriate personal protective equipment, including eye protection and gloves, when handling batteries.
- Avoid short circuits by ensuring tools and metal objects do not bridge the battery terminals.
- Keep batteries out of reach of children.
- Do not attempt to open or modify the battery casing.

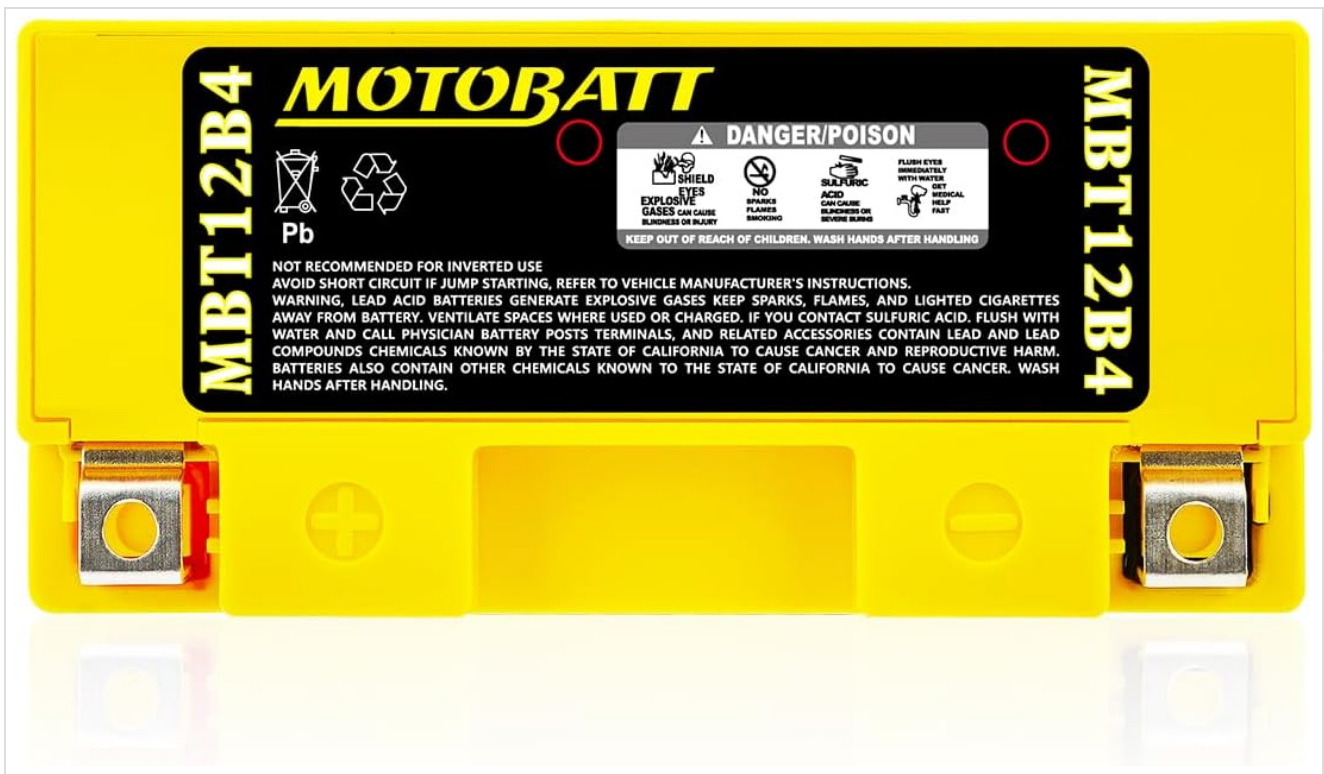


Image: Rear view of the MotoBatt MBT12B4 battery, displaying important safety warnings regarding explosive gases, sulfuric acid, and lead compounds.

### 3. PRODUCT FEATURES

- **Factory Sealed & Activated:** Eliminates damage from acid spills and corrosion, environmentally safe, and ready for immediate use.
- **QuadFlex Technology:** Patented top, front, and side connection terminal design provides easy multiple terminal installations, increased power flow, long terminal connection strength, and durability. This unique design offers 4 active terminals for maximum versatility.
- **Enhanced Power & Lifespan:** Heavy cast positive and negative full frame grids provide the highest amp hour and cranking amps (165 CCA) and the lowest self-discharge rates for successful high voltage off-season storage. Offers up to 30% more power and 2x longer lifespan compared to conventional batteries.
- **Durable Construction:** Large over-the-partition straps and welds increase durability, power output, and life. Made with high-quality materials including AGM separators, pure lead, and balanced plate thickness.
- **Maintenance-Free:** Sealed, valve-regulated design means no water refilling is required.

# BATTERY MBT12B4



**AGM TECHNOLOGY**  
(LEAK-PROOF & SPILL-PROOF)



**EXTREME TEMPERATURE RESISTANCE**  
(-20°C TO 60°C)



**2-TERMINAL DESIGN**  
(FLEXIBLE CONNECTION OPTIONS)



**MAINTENANCE-FREE**  
(NO WATER REFILLING REQUIRED)



**165 CCA**



**2X LONGER LIFESPAN**

Image: A visual representation of the MotoBatt MBT12B4's core features, including AGM technology, extreme temperature resistance, flexible 2-terminal design, maintenance-free operation, 165 CCA, and a claim of 2x longer lifespan.

# QuadFlex AGM Battery

This part fits 2 Known Yuasa Types  
Premium Capacity and CCA

## COMPATIBLE BATTERY SIZES

YT12BBS

YT12B4



Image: A graphic indicating that the MotoBatt MBT12B4 QuadFlex AGM Battery is compatible with and replaces Yuasa battery types YT12BBS and YT12B4.

## 4. SETUP AND INSTALLATION

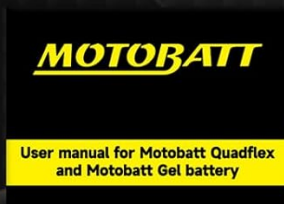
- 1. Unboxing:** Carefully remove the battery from its packaging. Verify that all components, including the battery, product manual, screws, and nuts, are present.
- 2. Factory Activated:** The MotoBatt MBT12B4 is sealed and factory activated, meaning it is ready for immediate use upon receipt. No initial charging or acid filling is required.
- 3. Terminal Connection:** Utilize the patented quad terminal design for flexible connection options. Ensure secure connections using the provided stainless steel screws. Connect the positive (+) terminal first, then the negative (-) terminal.
- 4. Fitment:** The QuadFlex AGM Battery is designed for optimal OEM fitment in various powersports applications. Use any included spacers if necessary to ensure a snug fit in your vehicle's battery compartment.

# WHATS IN THE BOX

Battery \*1



Product Manual \*1



Screws,Nuts\*2



**MORE**

Image: An image detailing the contents included with the MotoBatt MBT12B4 battery: the battery itself, a product manual, and the necessary screws and nuts for installation.



Image: The top view of the MotoBatt MBT12B4 battery, clearly showing its four threaded brass multi-fit terminals for versatile connections.

## 5. OPERATING INSTRUCTIONS

The MotoBatt MBT12B4 is designed for reliable starting power in motorcycles, ATVs, UTVs, personal watercraft, and snowmobiles. Once properly installed, the battery will provide power to your vehicle's electrical system.

- Ensure the battery is fully charged before initial use to maximize its performance and lifespan.
- Periodically check the battery's charge, especially during periods of non-use, to maintain optimal performance.
- Avoid completely discharging the battery, as this can reduce its overall lifespan.



## FOR POWERSPORT USE



GPS



LIGHTS



ALARMS



CHARGERS

MOTOBATT



OTHERS



MAXIMUM CAPACITY DESIGN



Image: This image shows the MotoBatt MBT12B4 battery alongside various powersports vehicles and illustrates its maximum capacity design compared to other batteries.

## 6. MAINTENANCE

- **Maintenance-Free Design:** This AGM battery is factory sealed and valve-regulated, eliminating the need for water refilling or acid level checks.
- **Cleaning:** Keep the battery terminals and casing clean and free from dirt and corrosion. Use a wire brush and a mixture of baking soda and water to clean corroded terminals, then rinse with clean water and dry thoroughly.
- **Charging:** If the battery is stored for extended periods (e.g., during off-season), it is recommended to use a compatible battery charger to maintain its charge. Avoid overcharging, as this can damage the battery.
- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Ensure it is fully charged before storage.

## 7. TROUBLESHOOTING

- **Vehicle Not Starting:** Check the battery terminals for secure connection and any signs of corrosion. Ensure the battery is fully charged.
- **Low Voltage:** If the battery is not holding a charge, verify your vehicle's charging system is functioning correctly. A multimeter can be used to check the battery's voltage.
- **Reduced Performance:** Ensure the battery is regularly maintained and charged, especially during periods of inactivity.
- **General Issues:** If you encounter persistent issues, consult a professional mechanic or refer to your vehicle's service manual for specific guidance.

## 8. SPECIFICATIONS

<b>Model</b>	MBT12B4
<b>Voltage</b>	12 Volts
<b>Capacity</b>	12.0 Ah
<b>Cold Cranking Amps (CCA)</b>	165 CCA
<b>Item Weight</b>	7.55 pounds
<b>Product Dimensions</b>	5.91 x 5.12 x 2.76 inches
<b>Battery Cell Composition</b>	Sealed Lead Acid (AGM)
<b>Terminal Type</b>	Quad Terminal
<b>Vehicle Service Type</b>	ATV, Personal Watercraft, Motorcycle, Snowmobiles

# POWERSPORT QUADFLEX AGM



(INCH/MM)

● L:5.91(150) W:2.76(70) H:5.12(10)

**12.0 AH**  
**165 CCA**

Image: An image illustrating the dimensions and key specifications of the MotoBatt MBT12B4 battery.

## 9. WARRANTY AND SUPPORT

**Warranty:** The MotoBatt MBT12B4 QuadFlex AGM Battery is backed by a 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

**Support:** For further support, technical assistance, or warranty inquiries, please refer to the official MotoBatt website or contact their customer service department. Contact information can typically be found in the product packaging or on the official website.

## 10. PRODUCT OVERVIEW VIDEOS

### Motobatt Quadflex AGM

Your browser does not support the video tag.

This video provides an overview of the MotoBatt QuadFlex AGM battery technology, highlighting its features and benefits.

### **Motobatt QuadFlex Series2**

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An informational video detailing the features and advantages of the MotoBatt QuadFlex Series2 batteries.

### **Sealed AGM Maintenance Free Motorcycle Battery**

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This video explains the benefits and characteristics of sealed AGM maintenance-free motorcycle batteries, relevant to the MotoBatt MBT12B4.

### **Motobatt Quadflex Batteries**

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A detailed video showcasing the features and advantages of MotoBatt QuadFlex Batteries, including their unique design and performance.

