



Manuals.plus /

› MotoTec /

› MotoTec 36v Pro Electric Dirt Bike 1000w Lithium User Manual

MotoTec MT-Dirt-Pro

MotoTec 36v Pro Electric Dirt Bike 1000w Lithium User Manual

Model: MT-Dirt-Pro | Brand: MotoTec

1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and setup of your MotoTec 36v Pro Electric Dirt Bike 1000w Lithium. Please read this manual thoroughly before operating the dirt bike to ensure proper use and to prevent injury or damage.



Figure 1: MotoTec 36v Pro Electric Dirt Bike 1000w Lithium in Orange.

2. SAFETY INFORMATION

SAFETY FIRST - ALWAYS WEAR YOUR HELMET AND ALL SAFETY EQUIPMENT AND OBSERVE SAFE RIDING RULES!

A parent's decision to allow his or her child to ride this product should be based on the child's maturity, skill, and ability to follow rules. Failure to follow safety instructions can result in serious injury or death.

General Safety Guidelines:

- Always wear a helmet, knee pads, elbow pads, and appropriate footwear.
- Ensure all bolts and fasteners are securely tightened before each ride.
- Do not ride in traffic or on public roads. This product is intended for off-road use only.
- Maintain a safe distance from other riders and obstacles.
- Avoid riding in wet conditions, on loose terrain, or at night.
- Regularly inspect the brakes, tires, and battery for proper function.

3. PRODUCT OVERVIEW & FEATURES

The MotoTec 36v Pro Electric Dirt Bike is designed for recreational off-road riding, offering a powerful 1000w motor and a lightweight lithium-ion battery for extended ride times. It features adjustable settings to accommodate riders of varying skill levels.

Key Features:

- **Motor:** 36 Volt 1000 Watt (Rare Earth - Neodymium Magnet)
- **Battery:** 36 Volt 10Ah Li-Ion (Lithium-Ion) for longer ride times and lighter weight.
- **Adjustable Settings:** Three adjustments for Throttle Response, Motor Output Power, and Speed.
- **Suspension:** 2 Hydraulic Front shocks, 1 Rear shock for a smooth ride.
- **Brakes:** Front and rear disc brakes for reliable stopping power.
- **Tires:** Knobby pneumatic tires (Front: 2.75x12, Rear: 3.00x10) for off-road traction.
- **Frame:** Durable Steel frame.
- **Seat:** Padded single rider seat.
- **Battery Meter:** Integrated battery level indicator.
- **Key Start:** For added security.



Figure 2: Side view of the MotoTec Electric Dirt Bike, showcasing its design and components.



Figure 3: Rear view highlighting the knobby tire and rear disc brake system.

4. SETUP

The MotoTec 36v Pro Electric Dirt Bike requires some assembly upon arrival. Please follow the instructions provided in the separate assembly guide for detailed steps. Ensure all components are correctly installed and secured before initial use.

Initial Checks:

- Verify all nuts and bolts are tightened.
- Check tire pressure.
- Ensure brake levers are functional and brakes engage properly.
- Charge the battery fully before the first ride.

5. OPERATING INSTRUCTIONS

Powering On/Off:

1. Insert the key into the ignition and turn it to the 'ON' position.
2. The battery meter on the handlebars will illuminate, indicating power is on.
3. To turn off, turn the key to the 'OFF' position and remove it.

Adjusting Performance Settings:

The MotoTec dirt bike features adjustable settings for throttle response, motor output power, and speed, located under a cover near the seat. These settings allow customization for rider experience and safety.

- **Throttle Response:** Adjusts how quickly the bike responds to throttle input. A slower response is recommended for new riders to prevent sudden acceleration.
- **Motor Output Power:** Controls the overall power delivery of the motor. Lower settings are suitable for beginners.
- **Speed:** Sets the maximum speed of the bike. This can be limited for younger or less experienced riders.

Use the provided tool to adjust these settings. Ensure the cover is securely replaced after making adjustments to prevent tampering.

Braking:

The bike is equipped with front and rear disc brakes. Use both brakes simultaneously for effective and controlled stopping. Practice braking at low speeds in a safe area before riding at higher speeds.

Battery Charging:

Connect the included charger to the charging port on the bike and then to a standard electrical outlet. The charging time is approximately 4-6 hours. Do not overcharge the battery. Always charge in a well-ventilated area.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your electric dirt bike.

Routine Checks:

- **Tires:** Check tire pressure before each ride. Refer to the tire sidewall for recommended pressure.
- **Brakes:** Inspect brake pads for wear and ensure brake levers operate smoothly. Adjust as necessary.
- **Chain:** Check chain tension and lubricate regularly to prevent wear and ensure smooth operation.
- **Fasteners:** Periodically check all nuts, bolts, and screws for tightness. Tighten any loose fasteners.
- **Battery:** Keep the battery charged. Store the bike with a charged battery if not in use for extended periods.

Cleaning:

Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components or bearings.

7. TROUBLESHOOTING

If you encounter issues with your MotoTec Electric Dirt Bike, refer to the following common troubleshooting tips:

- **Bike not powering on:** Check if the key is fully inserted and turned to 'ON'. Ensure the battery is charged.
- **Loss of power/speed:** The battery may be low or the performance settings might be set to a lower

mode. Check battery level and adjust settings if desired.

- **Brakes not working effectively:** Inspect brake pads for wear and brake cables for proper tension. Adjust or replace as needed.
- **Unusual noises:** Check for loose components, chain issues, or debris in moving parts.

For persistent issues, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Motor	36 Volt 1000 Watt (Rare Earth - Neodymium Magnet)
Battery	36 Volt 10Ah Li-Ion
Recommended Age	13+
Max Rider Weight	150 lbs
Top Speed	5 - 18 MPH (adjustable)
Distance Per Charge	5 to 11 miles (weight, terrain dependent)
Charging Time	4-6 hours
Front Tire	2.75x12 Knobby Pneumatic
Rear Tire	3.00x10 Knobby Pneumatic
Brakes	Front and rear disc
Suspension	2 Hydraulic Front shocks, 1 Rear shock
Seat Height	24.4 inches
Product Size	52.3x25.2x34 inches
Product Weight	75 lbs
Material	Alloy Steel

9. WARRANTY AND SUPPORT

Warranty:

The MotoTec 36v Pro Electric Dirt Bike comes with a **30-day parts replacement warranty**. Please retain your proof of purchase for warranty claims.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact MotoTec customer support through their official website or the retailer where the product was purchased.

