



[Manuals.plus](#) /

› [AMYET](#) /

› AMYET VT300 Electric Dirt Bike User Manual

## AMYET VT300

# AMYET VT300 Electric Dirt Bike User Manual

Model: VT300

## INTRODUCTION

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Thank you for choosing the AMYET VT300 Electric Dirt Bike. This manual provides essential information for the safe operation, maintenance, and care of your new electric dirt bike. Please read this manual thoroughly before your first ride to ensure proper assembly, safe usage, and to maximize the lifespan of your product. Keep this manual for future reference.



*Image: The AMYET VT300 Electric Dirt Bike in action on an off-road trail.*

## SAFETY INFORMATION

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Your safety is paramount. Operating an electric dirt bike carries inherent risks. Always adhere to the following safety guidelines:

- **Wear Protective Gear:** Always wear a helmet, eye protection, gloves, and appropriate riding attire, including long pants and sturdy shoes.
- **Pre-Ride Inspection:** Before each ride, check tire pressure, brake function, battery charge, and ensure all fasteners are tight.
- **Understand Local Laws:** Be aware of and comply with all local laws and regulations regarding electric dirt bike usage.
- **Rider Age and Weight:** This bike is designed for teens and adults. Ensure the rider meets the recommended age and weight limits.
- **Avoid Stunts:** Do not attempt jumps, wheelies, or other dangerous maneuvers that could lead to loss of control or injury.
- **Weather Conditions:** Exercise caution when riding in wet, muddy, or slippery conditions.

- **Battery Safety:** Only use the provided charger. Do not modify the battery or charger. Charge in a well-ventilated area away from flammable materials.

## SETUP

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### Unpacking and Initial Assembly

Your AMYET VT300 comes partially assembled. Carefully remove all components from the packaging. The included tool kit will assist with assembly.

1. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely.
2. **Front Wheel Installation:** Install the front wheel, ensuring the brake rotor is correctly seated in the caliper. Tighten the axle nuts firmly.
3. **Fender Attachment:** Secure any loose fenders as per the diagrams in the separate assembly guide.
4. **Kickstand:** The kickstand is included and should be installed for convenient parking.

### Battery Charging

Before first use, fully charge the battery. The 48V/23.4AH battery is UL-certified for safety.

- Locate the charging port on the bike.
- Connect the charger to the charging port, then plug the charger into a standard wall outlet.
- The indicator light on the charger will show charging status (typically red for charging, green for fully charged).
- Charging time is approximately 7-8 hours for a full charge.



*Image: High-Capacity Battery details, showing removable 48V 23.4Ah battery, UL certification, BMS system, and 45 miles max range.*

### Pre-Ride Checks

- **Tire Pressure:** Ensure tires are inflated to the recommended pressure (refer to tire sidewall for details).
- **Brakes:** Test both front and rear hydraulic brakes for proper function and responsiveness.
- **Fasteners:** Double-check all nuts, bolts, and quick releases for tightness.

## OPERATING INSTRUCTIONS

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### Powering On and Off

The VT300 features a one-key ignition system.

- **To Power On:** Insert the key into the ignition and turn it to the 'ON' position. The display will illuminate.
- **To Power Off:** Turn the key to the 'OFF' position.



Image: Ignition and display controls, illustrating the 'Twist to Go' feature and lockable seat.

## Throttle Operation

The VT300 is equipped with a twist throttle for instant power delivery.

- Gently twist the throttle grip towards you to engage the motor.
- The bike will accelerate based on the amount of throttle applied.
- Release the throttle to reduce speed or stop.



Image: The 3000W Peak Mid-Drive Motor, illustrating its power and efficiency compared to a hub motor.

## Braking System

The VT300 features full hydraulic brakes for precise and powerful stopping.

- Apply both front and rear brake levers smoothly and evenly to slow down or stop.
- Avoid sudden, hard braking, especially at high speeds or on loose surfaces, to prevent skidding.
- The EABS system enhances braking safety and control.

## Built for Youth

Featuring a 28.5" seat height and compact build, it fits riders 13 and up, delivering ideal comfort and control across all terrains. Built with IPX6 rated high carbon steel, it requires little maintenance for endless riding adventures.



Seat Height  
**28.5"**



Fearless Adventure  
**13+ Ages**



Waterproof  
**IPX6**



Strong and Durable  
**High-Carbon Steel**



Image: Hydraulic disc brakes, highlighting their precision and safety benefits.

## Suspension System

The bike is equipped with a full suspension system, including a hydraulic front fork and rear hydraulic shock absorber, for a comfortable ride on varied terrain.

- The suspension is designed to absorb shocks and bumps, improving stability and rider comfort.
- No user adjustment is typically required for standard operation.

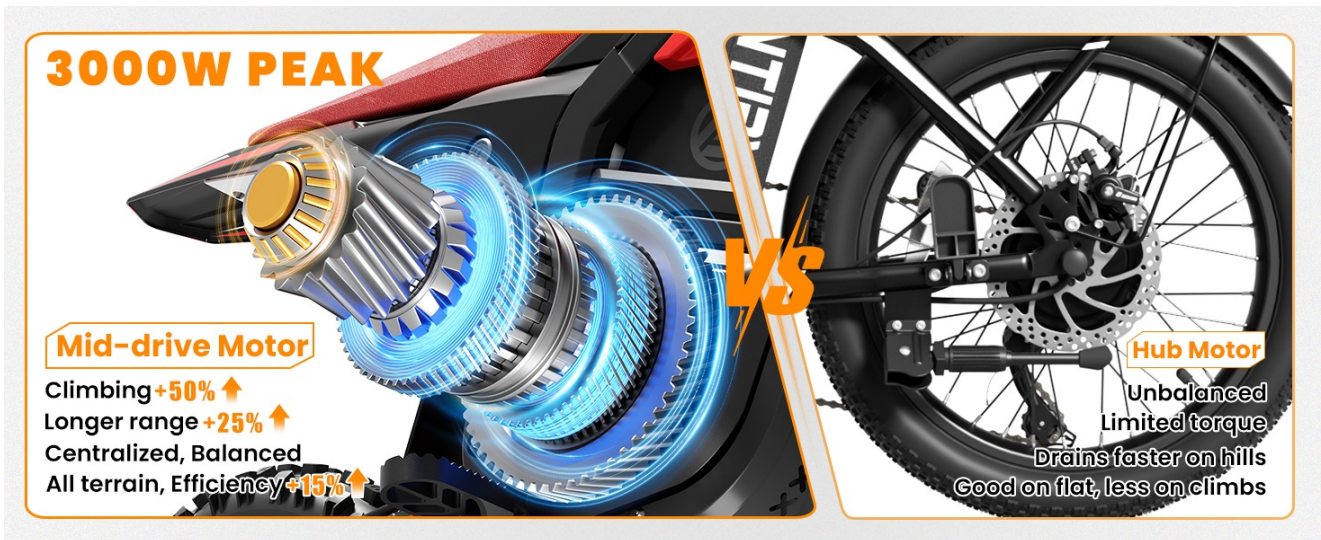


Image: Performance Dual Suspension system, detailing the hydraulic front fork and rear hydraulic shock absorber.

## Tires

The VT300 features 14" front and 12" rear puncture-resistant fat tires, suitable for various terrains.

- These tires provide excellent grip and stability on city streets, dirt trails, and other off-road paths.
- Regularly check tire pressure and for any signs of wear or damage.



Image: All-terrain fat tires, emphasizing their design for stability and agility on various surfaces.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your AMYET VT300.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 1-2 months.
- **Brake Inspection:** Check brake pads for wear and brake fluid levels periodically. Replace pads when worn.
- **Tire Maintenance:** Inspect tires for cuts, punctures, or excessive wear. Maintain correct tire pressure.
- **Chain Lubrication:** Keep the chain clean and lubricated for smooth operation and to prevent rust.
- **Fastener Checks:** Regularly check and tighten all nuts, bolts, and screws, especially after off-road riding.

## TROUBLESHOOTING

If you encounter issues with your VT300, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery discharged, key not in 'ON' position, loose battery connection	Charge battery, turn key to 'ON', check battery connections
Motor not engaging	Throttle issue, brake lever engaged, motor error	Check throttle, ensure brake levers are fully released, consult support if error persists
Brakes feel weak	Worn brake pads, air in hydraulic line, low fluid	Inspect/replace brake pads, bleed brake system (professional recommended), check fluid level
Reduced range	Under-inflated tires, cold weather, aggressive riding, aging battery	Check tire pressure, ride conservatively, ensure proper battery charging and care

For issues not listed here or if solutions do not resolve the problem, please contact AMYET customer support.

## SPECIFICATIONS

Key technical specifications for the AMYET VT300 Electric Dirt Bike:

Feature	Detail
Model Name	VT300
Motor	3000W Peak Mid-Drive Motor
Max Speed	Up to 40 MPH
Battery	UL-Certified 48V/23.4AH Rechargeable Battery
Max Range	Up to 53 miles
Tires	14" Front / 12" Rear All-Terrain Puncture-Resistant Tires
Brakes	Full Hydraulic Disc Brakes with EABS
Suspension	Hydraulic Front Fork, Rear Hydraulic Shock Absorber
Net Weight	110 Pounds (Package Weight) / 125.68 lbs (VT300 Net Weight)
Item Dimensions (LxWxH)	61.42 x 28.74 x 37.4 inches

Feature	Detail
Max Load	265 LB
Recommended Height	3.94FT - 5.9FT
Material	Aluminum / High-Carbon Steel Frame
Waterproof Rating	IPX6



*Image: AMYET VT300 dimensions and key specifications for rider suitability.*

## WARRANTY

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The AMYET VT300 Electric Dirt Bike comes with a **1-year warranty**. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or contact customer support.

## CUSTOMER SUPPORT

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For any questions, technical assistance, or warranty inquiries, please contact AMYET customer support:

**Service Email:** [support@amyet.com](mailto:support@amyet.com)

When contacting support, please have your model name (VT300) and purchase information ready.