

## HAPPYRUN HR-G300 pro

# HAPPYRUN G300 Pro Electric Dirt Bike User Manual

Model: HR-G300 Pro

## 1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your HAPPYRUN G300 Pro Electric Dirt Bike. Please read this manual thoroughly before operating the bike to ensure proper use and to maximize your riding experience.

The HAPPYRUN G300 Pro is an electric dirt bike designed for adult riders, offering a powerful 6500W motor, a top speed of 50 MPH, and a range of up to 70 miles. It features a 72V 30Ah removable battery and hydraulic brakes for enhanced performance and safety.

## 2. SAFETY INFORMATION

Always prioritize safety when operating the HAPPYRUN G300 Pro. Failure to follow safety guidelines can result in serious injury or damage to the product.

### 2.1 General Safety Precautions

- Always wear a helmet, eye protection, and appropriate riding gear (gloves, long pants, sturdy shoes) when operating the bike.
- Ensure all components are securely fastened and in good working order before each ride.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Adhere to all local laws and regulations regarding electric bike operation.
- The maximum load capacity is 350 pounds. Do not exceed this limit.

### 2.2 Battery Safety

- Use only the charger provided by HAPPYRUN.
- Do not expose the battery to extreme temperatures or direct sunlight.
- Avoid puncturing, dropping, or damaging the battery.
- Keep the battery away from water and moisture. The battery has an IP65 waterproof rating, but direct submersion should be avoided.

- If the battery shows signs of damage, swelling, or overheating, discontinue use immediately and contact support.

### 3. PACKAGE CONTENTS

Upon unpacking, verify that all items are present and undamaged. If any items are missing or damaged, contact HAPPYRUN customer support.

- HAPPYRUN G300 Pro Electric Dirt Bike (main frame with motor and wheels)
- 72V 30Ah Removable Battery
- Battery Charger
- Kickstand
- User Manual (this document)
- Assembly Tools (may vary)



Image: The HAPPYRUN G300 Pro Electric Dirt Bike shown with included accessories like a handlebar bag and lock.

## 4. ASSEMBLY AND SETUP

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The HAPPYRUN G300 Pro requires some assembly. Follow these steps carefully.

### 4.1 Unpacking

1. Carefully remove the bike and all components from the packaging.
2. Inspect for any shipping damage. Report any issues to the retailer immediately.

### 4.2 Handlebar Installation

1. Attach the handlebars to the stem, ensuring proper alignment.
2. Tighten all bolts securely using the provided tools.

### 4.3 Front Wheel Installation

1. Insert the front wheel into the fork dropouts.
2. Ensure the brake rotor is correctly seated within the caliper.
3. Secure the wheel with the quick-release skewer or axle nuts.

### 4.4 Battery Installation and Charging

1. Locate the battery compartment.
2. Insert the 72V 30Ah battery, ensuring it clicks into place securely.
3. Connect the charger to the battery charging port and then to a power outlet.
4. Allow 4-6 hours for a full charge. The battery charges to 80% in approximately 2 hours.

# Swap & Go —

## 2160Wh Battery for All-Day Adventure



**72V 30Ah**  
Battery



**4-6 Hours**  
Charging Time



**BMS**  
Safety System



**70 Miles**  
Max Range



**IP65**  
Waterproof

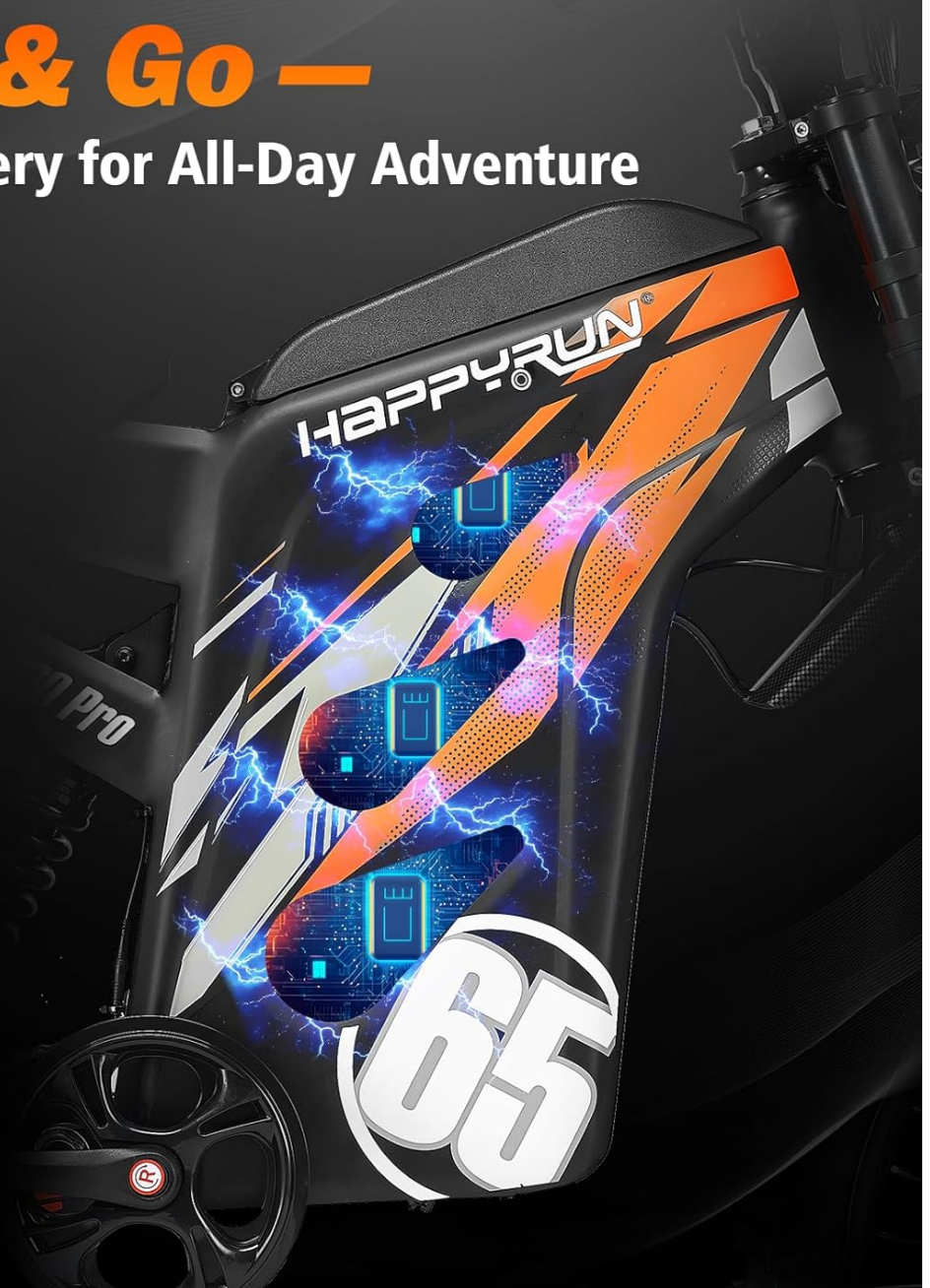


Image: Close-up view of the HAPPYRUN G300 Pro's battery compartment, highlighting the removable 72V 30Ah battery and its specifications.

## 5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and riding modes before your first ride.

### 5.1 Controls Overview

- **Power Button:** Turns the bike on/off.
- **Throttle:** Located on the right handlebar, controls motor power. The bike features a half-throttle for precise acceleration.
- **Brake Levers:** Front and rear hydraulic disc brakes for stopping.
- **Display:** Digital display shows speed, battery level, riding mode, and other information.
- **Gear Shifter:** 7-speed electronic gear shifting for pedal assist mode.





*Image: A rider on the HAPPYRUN G300 Pro, with an inset showing the half-throttle for precision acceleration.*



*Image: Close-up of the HAPPYRUN G300 Pro's full-color digital dashboard, displaying speed, battery, and other ride metrics.*

## 5.2 Riding Modes

The G300 Pro offers three distinct riding modes:

- **Pedal Mode:** Operates like a traditional bicycle, using pedal power. Suitable for city bike lanes or when conserving battery.
- **Pedal Assist (PAS) Mode:** Provides motor assistance while pedaling. Offers an extended range of up to 70 miles.
- **Full Throttle Mode:** Engages the motor directly via the throttle, providing full electric power. Ideal for off-road use and achieving the top speed of 50 MPH.





Image: Diagram illustrating the three riding modes: Pedal Mode, PAS Assist Mode (70 miles range), and Pure Electric (Full Throttle) Mode (45 miles range).

### 5.3 Pre-Ride Checklist

- Check tire pressure.
- Verify brake functionality (front and rear).
- Ensure battery is charged and securely installed.
- Confirm all bolts and quick releases are tight.
- Test lights and horn.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your HAPPYRUN G300 Pro.

### 6.1 Routine Checks

- **Tires:** Inspect for wear, punctures, and maintain recommended pressure.
- **Brakes:** Check brake pads for wear and ensure hydraulic fluid levels are adequate. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated.
- **Fasteners:** Periodically check and tighten all bolts and screws.
- **Suspension:** Inspect forks and rear shocks for leaks or damage.



Image: Detailed view of the HAPPYRUN G300 Pro's front wheel, hydraulic disc brake, and suspension fork.

## 6.2 Cleaning and Storage

- Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- Store the bike in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery to approximately 50-70% and check it periodically.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your HAPPYRUN G300 Pro.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly installed.	Ensure battery is fully charged and securely seated. Check connections.

Problem	Possible Cause	Solution
Motor not engaging.	Throttle issue, riding mode selection, or motor connection.	Check throttle cable. Ensure correct riding mode is selected. Inspect motor connections.
Brakes feel weak.	Worn brake pads, air in hydraulic lines, or low fluid.	Inspect and replace brake pads if worn. Bleed hydraulic brakes or consult a professional.
Reduced range.	Low tire pressure, riding conditions, or battery degradation.	Maintain proper tire pressure. Consider riding in PAS mode. Battery capacity naturally decreases over time.

If you encounter issues not listed here or require further assistance, please contact HAPPYRUN customer support.

## 8. SPECIFICATIONS

Key technical specifications for the HAPPYRUN G300 Pro Electric Dirt Bike.

Feature	Specification
Model Name	HR-G300 Pro
Motor Power	6500W (Peak)
Top Speed	50 MPH
Battery	72V 30Ah (2160Wh) Removable Lithium Battery
Max Range	Up to 70 miles (PAS mode)
Charging Time	4-6 hours (80% in 2 hours)
Max Load Capacity	350 lbs
Bike Weight	95 lbs
Wheel Size	17 Inches
Brakes	Dual Hydraulic Disc Brakes
Suspension	Dual Suspension (43mm forged fork, twin rear shocks)
Frame Material	Carbon Steel
Number of Speeds	7 (Electronic Gear Shifter)
Waterproof Rating	IP65 (Battery)
Recommended Height	5'5" to 6'3"



# HAPPYRUN G300PRO

## Electric Dirt Bike Size



**178LBS**  
Motorcycle Weight



**350LBS**  
Max Load



**5'5" TO 6'3"**  
Recommended Height



Image: Diagram showing the dimensions and weight specifications of the HAPPYRUN G300 Pro, including motorcycle weight (178 lbs), max load (350 lbs), and recommended rider height (5'5" to 6'3"). Note: Item weight is 95 lbs.

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

The HAPPYRUN G300 Pro Electric Dirt Bike comes with a **1-year limited warranty**. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage due to misuse, accidents, normal wear and tear, or unauthorized modifications.







For specific warranty terms and conditions, please refer to the warranty card included with your product or contact HAPPYRUN customer support.

### 9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact HAPPYRUN customer support through the retailer where you purchased the product or visit the official HAPPYRUN website.

When contacting support, please have your model name (HR-G300 Pro) and purchase date available.

## Related Documents - HR-G300 pro

	<p><a href="#">Happyrun Tank G300 Pro Electric Bike Owner's Manual</a></p> <p>A comprehensive guide for the Happyrun Tank G300 Pro electric bike, detailing assembly, operation, safety guidelines, maintenance, and troubleshooting for challenging off-road adventures.</p>
	<p><a href="#">Happyrun Tank G70 Electric Bike Manual</a></p> <p>Comprehensive manual for the Happyrun Tank G70 electric bike, covering assembly, operation, safety, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Happyrun Tank G70 Electric Bike Manual - Assembly, Operation, and Maintenance Guide</a></p> <p>Comprehensive user manual for the Happyrun Tank G70 electric bike. This guide covers assembly instructions, safety precautions, detailed specifications, operation procedures, battery charging and maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Happyrun i10MAX Smart Scooter User Manual - Features, Operation, and Specifications</a></p> <p>Comprehensive user manual for the Happyrun i10MAX Smart Scooter, covering safety guidelines, assembly, operation, maintenance, troubleshooting, and technical specifications. Learn how to use your i10MAX scooter safely and effectively.</p>
	<p><a href="#">Happyrun Tank G70 Pro Electric Scooter Owner's Handbook</a></p> <p>Official owner's handbook for the Happyrun Tank G70 Pro electric scooter, covering setup, operation, maintenance, and safety guidelines.</p>
	<p><a href="#">Happyrun Tank G300 Pro Electric Bike Owner's Manual</a></p> <p>A comprehensive guide for the Happyrun Tank G300 Pro electric bike, detailing assembly, operation, safety guidelines, maintenance, and troubleshooting for challenging off-road adventures.</p>