

ausom Leopard DT1 Pro

AUSOM Leopard DT1 Pro Electric Scooter User Manual

Model: Leopard DT1 Pro

Brand: AUSOM

INTRODUCTION

The AUSOM Leopard DT1 Pro Electric Scooter is designed for adults seeking powerful performance, advanced safety features, and supreme riding comfort. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

Key features include dual 1000W motors for speeds up to 41 mph, an 18.2Ah battery offering up to 47 miles range, dual braking systems (ZOOM hydraulic disc brakes and EABS), SUV-level swingarm suspension, a smart LCD display, and a comprehensive lighting system with turn signals.

SAFETY INFORMATION

WARNING: Always wear a helmet and appropriate safety gear when riding. Obey all local traffic laws and regulations. Do not ride in wet conditions or on slippery surfaces. Always perform a pre-ride inspection.

- Familiarize yourself with all controls and features before riding.
- Ensure all bolts and fasteners are tightened before each ride.
- Check tire pressure regularly.
- Do not exceed the maximum weight limit of 143 pounds.
- Avoid riding in heavy rain or through deep puddles to prevent damage to electrical components.
- Use turn signals and lights to enhance visibility, especially at night.
- Maintain a safe distance from other vehicles and pedestrians.

PACKAGE CONTENTS

Upon opening the box, verify that all components are present and undamaged. The standard package includes:

- AUSOM Leopard DT1 Pro Electric Scooter (main unit)

- User Manual
- Power Adapter
- Power Cable
- Tool Kit
- NFC Card (for security lock system)

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Video: Unboxing the AUSOM Leopard DT1 Pro Electric Scooter. This video demonstrates the careful unboxing process and shows the main components included in the package, such as the scooter, user manual, power adapter, and tool kit.

SETUP AND ASSEMBLY

Follow these steps to assemble your AUSOM Leopard DT1 Pro Electric Scooter:

1. **Unfold the Stem:** Carefully lift the scooter from its packaging. Open the kickstand to allow the scooter to stand upright. Unfold the stem until it locks securely into place.



Image: The AUSOM Leopard DT1 Pro Electric Scooter shown both folded for transport and fully unfolded for riding, highlighting its compact design and readiness for use.

2. **Attach the Handlebar:** Place the handlebar onto the top of the stem. Ensure the clip is centered.
3. **Install the Display:** Position the smart LCD display on the handlebar. Align the four M5 screws with the screw holes in the stem clip and tighten them securely to fasten the display and handlebar.
4. **Attach Motor Nut Caps:** Secure the four motor nut caps to the front and rear motor nuts as shown in the assembly video.

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Video: A short demonstration of the AUSOM Leopard DT1 Pro, including its folding mechanism, display activation, and lighting features. This video provides a quick visual guide to key operational aspects.

OPERATING INSTRUCTIONS

Power On/Off and Security Lock

To power on the scooter, press the power switch for 3 seconds. The LCD display will show "Card". Place the NFC card over the NFC detection area on the display to activate the scooter. The display will light up, indicating it's ready for use. To power off, press and hold the power button for 3 seconds.

Adjusting Speed Modes

The scooter features three riding modes: ECO, SPORT, and RACE. After exiting PARK mode (by pressing the Plus button), use the Plus (+) or Minus (-) buttons on the control panel to switch between these modes. Each mode offers different speed and power characteristics:

- **ECO Mode:** For maximum range and energy efficiency.
- **SPORT Mode:** Balanced performance for daily commuting.
- **RACE Mode:** Full power and speed, reaching up to 41 mph.



Image: A rider demonstrating the power and speed of the AUSOM Leopard DT1 Pro, highlighting its dual 1000W motors and maximum speed capabilities across different modes.

Lighting System and Turn Signals

The scooter is equipped with a comprehensive lighting system for enhanced visibility and safety:

- **Headlight:** Press the Plus button for 3 seconds to turn the ultra-bright front headlight on or off.
- **Brake and Tail Lights:** Safety brake and warning tail lights activate automatically when braking.
- **Turn Signals:** Push the turn signal light switch to the left or right to activate the corresponding turn signal. Push the switch in the same direction again to turn it off.



Image: The AUSOM Leopard DT1 Pro Electric Scooter with its front headlight and side lights illuminated, demonstrating its visibility features for night riding.

Horn

Press the horn button located on the left handlebar to alert others of your presence.

Single/Dual Motor Mode

Short press the DDM button to switch between Single and Dual Motor modes, allowing for power conservation or full power as needed.

Folding and Transport

The scooter is designed for easy folding and transport. Locate the folding mechanism on the stem, release the latch, and fold the stem down towards the deck until it locks. This compact design makes it convenient for storage or carrying.



Image: A visual guide illustrating the simple steps required to fold the AUSOM Leopard DT1 Pro Electric Scooter, making it compact for storage or transportation.

Charging

The scooter features dual charging inputs, allowing for a full charge in approximately 4-5 hours. It also has dual charging outputs (USB-B and Type-C) to power your devices on the go.

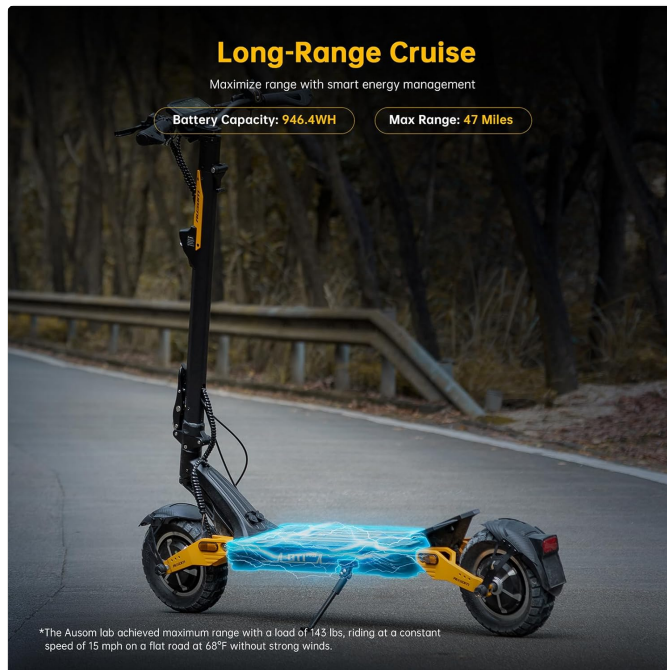


Image: The AUSOM Leopard DT1 Pro Electric Scooter with a graphic overlay illustrating its impressive battery capacity and maximum range of up to 47 miles.

RIDING PERFORMANCE AND FEATURES

The AUSOM Leopard DT1 Pro is built for diverse terrains and high performance:

- **Dual 1000W Motors:** Provides exceptional power and acceleration for various riding conditions.
- **Dual Braking Systems:** Equipped with ZOOM hydraulic disc brakes and an EABS system for precise and responsive stopping power.
- **SUV-Level Suspension:** Features a swingarm design that effectively absorbs shocks and vibrations, ensuring a smooth ride even on rough terrain.
- **10"x3" Off-Road Tires:** Thick pneumatic tires designed to effortlessly navigate various obstacles and provide excellent grip.

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Video: A dynamic riding show of the AUSOM Leopard DT1 Pro, demonstrating its agility and performance in various environments, including off-road sections.

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Video: Another riding demonstration of the DT1 Pro, specifically highlighting its capability to handle off-road conditions and rough terrain with ease.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your scooter:

- **Cleaning:** Wipe down the scooter with a damp cloth after each ride. Avoid using high-pressure water jets directly on electrical components.
- **Tires:** Check tire pressure weekly. Recommended pressure is typically found on the tire sidewall. Inspect tires for

wear and tear.

- **Brakes:** Regularly check brake lever tension and brake pad wear. Adjust or replace as needed.
- **Battery:** Charge the battery fully after each use, especially if storing for an extended period. Do not allow the battery to fully discharge.
- **Fasteners:** Periodically check and tighten all screws and bolts, especially those on the handlebars, stem, and wheels.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; NFC card not detected; Power button not held long enough.	Charge battery; Ensure NFC card is correctly placed; Hold power button for 3 seconds.
Reduced range or power.	Under-inflated tires; Low battery charge; Riding in high-power modes constantly.	Check and inflate tires; Fully charge battery; Use ECO mode for longer rides.
Brakes feel loose or ineffective.	Brake cable needs adjustment; Worn brake pads.	Adjust brake cable tension; Replace brake pads if worn.
Unusual noises during operation.	Loose components; Debris in wheels/brakes.	Inspect and tighten all fasteners; Clean wheels and brake calipers.

If the issue persists after attempting these solutions, please contact AUSOM customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	AUSOM
Model Name	Leopard DT1 Pro
Motor Power	Dual 1000W Motors
Max Speed	Up to 41 Mph (adjustable modes)
Max Distance Range	Up to 47 Miles
Battery Capacity	18.2Ah (946.4WH)
Charging Time	4-5 Hours (Dual Charging Inputs)
Brake Style	ZOOM Hydraulic Disc Brakes + EABS System
Tire Size	10"x3" Off-Road Pneumatic Tires
Suspension Type	SUV-Level Swingarm Suspension
Frame Material	High-Strength Forged Aluminum

Feature	Detail
Weight Limit	143 Pounds
Product Dimensions (LxWxH)	51.2"L x 24.8"W x 52.4"H







WARRANTY AND SUPPORT

The AUSOM Leopard DT1 Pro Electric Scooter comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, replacement parts, or any inquiries not covered in this manual, please contact AUSOM customer service through their official website or the retailer where you purchased the product.

For more information, visit the official [AUSOM Store on Amazon](#).

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Related Documents - Leopard DT1 Pro

	Ausom DT1 PRO Electric Scooter User Manual Comprehensive user manual for the Ausom DT1 PRO electric scooter, covering assembly, operation, maintenance, troubleshooting, specifications, and warranty information.
	Ausom Leopard Off-Road Electric Scooter User Manual V1.5 Comprehensive user manual for the Ausom Leopard Off-Road Electric Scooter (Model V1.5), covering safety, operation, maintenance, and specifications.
	Ausom Leopard Electric Scooter User Manual Comprehensive user manual for the Ausom Leopard electric scooter, covering assembly, operation, maintenance, troubleshooting, and warranty information provided by Shenzhen Magic Wheel Technology Co., Ltd.
	DT2 Pro Electric Scooter User Manual Comprehensive user manual for the Ausom DT2 Pro electric scooter, covering operation, safety guidelines, assembly, maintenance, troubleshooting, specifications, and compliance information.
	Ausom L2 Max Electric Scooter User Manual Comprehensive user manual for the Ausom L2 Max electric scooter, covering specifications, assembly, operation, maintenance, troubleshooting, and warranty information.
	AUSOM GX1 Electric Scooter User Manual Comprehensive user manual for the AUSOM GX1 electric scooter, covering specifications, operation, maintenance, troubleshooting, and warranty information. Learn how to safely operate and care for your GX1 scooter.

