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› DEEPOWER Electric Bicycle SU8 User Manual

## DEEPOWER SU8

# DEEPOWER Electric Bicycle SU8 User Manual

Model: SU8

## INTRODUCTION

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Thank you for choosing the DEEPOWER SU8 Electric Bicycle. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read it thoroughly before your first ride and keep it for future reference.

## IMPORTANT SAFETY WARNINGS

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- **Motor Power and Speed:** The motor of this electric bicycle has a peak power of 1500W, and its operating speed may exceed 24 km/h. While it has a CE test report, we cannot guarantee registration in your area. Please consider this carefully before purchase.
- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are securely fastened and in good working order before each ride.
- Familiarize yourself with local regulations regarding electric bicycles.
- Do not operate the e-bike under the influence of alcohol or drugs.
- Exercise caution in adverse weather conditions, such as rain, snow, or ice.

## PACKAGE CONTENTS

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Upon unpacking, please verify that all items are present:

- Electric Bicycle ×1
- Battery ×1
- Charger ×1
- Fenders ×2
- Installation Kit ×1

## SETUP AND ASSEMBLY

The DEEPOWER SU8 Electric Bicycle comes 90% pre-assembled. The remaining assembly steps are straightforward and can be completed with the included installation kit. Refer to the detailed instructions provided in the box for step-by-step guidance.

### Key Assembly Steps:

1. Attach the front wheel and secure it properly.
2. Install the handlebars and adjust their position for comfortable riding.
3. Mount the seat post and saddle, adjusting the height to your preference.
4. Attach the pedals (note left and right pedal threading).
5. Install the front and rear fenders.
6. Insert the battery into its compartment and ensure it is locked securely.
7. Perform a pre-ride safety check, ensuring all bolts are tightened and brakes are functional.



Image: The DEEPOWER SU8 Electric Bicycle, showcasing its overall design and components.

## OPERATING INSTRUCTIONS

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### Battery Operation and Charging

The e-bike is equipped with a high-capacity 52V 20Ah removable lithium-ion battery, rated IP65 for water resistance. A single charge provides an estimated range of 50-110 km in Pedal Assist System (PAS) mode, depending on terrain and speed. The removable design allows for convenient charging indoors. Ensure the anti-theft lock is engaged when the battery is installed.

- **Charging Time:** Approximately 6-7 hours for a full charge.
- **Charging Procedure:** Connect the charger to the battery port, then plug it into a standard power outlet. The indicator light on the charger will show charging status.
- **Battery Removal:** Unlock the battery with the provided key and slide it out for off-bike charging or storage.



Image: The 52V 20Ah removable lithium-ion battery, highlighting its capacity and waterproof rating.

### Motor and Pedal Assist System (PAS)

The DEEPOWER SU8 features a 52V 249W high-torque brushless hub motor, delivering 85 Nm of maximum torque. This motor provides smooth and responsive power assistance, allowing the e-bike to reach a maximum speed of 24 km/h. The Pedal Assist System (PAS) offers various levels of assistance, which can be selected via the display.

# 52V 85N.M

## High Speed Motor



Image: Close-up view of the 52V 85Nm high-speed motor, showing its integration with the rear wheel.

### Display and Controls

A central color LCD display provides real-time information including speed, battery level, mileage, and current PAS level. Use the controls near the handlebar to navigate through display modes and adjust PAS levels.

# MORE DETAILS



Color Middle Display



Shimano  
7 Speed Gears



Comfortable Seat



High Lumen light



Multi-mode Rear Light

Image: Detailed view of the color middle display, Shimano 7-speed gears, comfortable seat, high lumen light, and multi-mode rear light.

## Gears and Braking System

- **Gears:** The 7-speed Shimano gear system allows for smooth shifting and adaptation to various road conditions and inclines.
- **Brakes:** Front and rear hydraulic disc brakes provide strong stopping power and precise control, enhancing safety in all riding conditions.

# Ensure Your Safety



Image: The DEEPOWER SU8 Electric Bicycle highlighting its safety features, including front and rear hydraulic brakes, bright headlight, and rear brake light.

## Tires and Suspension

The 20" x 4.0" fat tires offer excellent traction and stability across diverse terrains, including snow, sand, gravel, mountain trails, and city roads. The dual-crown front fork and rear shock absorber effectively absorb impacts, ensuring a comfortable and smooth ride even on uneven surfaces.

# 20"\*4.0" Fat Tires

Suitable for Different Terrains



Image: The 20" x 4.0" fat tires, illustrating their suitability for various terrains like snow, sand, gravel, city, and mountain roads.

# 20"x4" Fat Tires & Comfort Suspension

Superior grip & smooth suspension for all-terrain outdoor riding.



Image: The 20"x4" fat tires and comfort suspension, demonstrating superior grip and smooth suspension for all-terrain outdoor riding across forest trails, urban roads, coastal beaches, and snowy terrains.

## MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your DEEPOWER SU8 Electric Bicycle.

- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its health. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride and inflate to the recommended PSI for optimal performance and safety.
- **Brake Inspection:** Periodically check brake pads for wear and ensure brake levers provide firm and responsive stopping power.
- **Cleaning:** Clean the e-bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Checks:** Regularly inspect all bolts and fasteners for tightness, especially on critical components like handlebars, wheels, and seat post.

## SPECIFICATIONS

<b>Model Number</b>	SU8
<b>Brand</b>	DEEPOWER
<b>Motor</b>	52V 249W Brushless Hub Motor (Peak Power 1500W), 85 Nm Torque
<b>Battery</b>	52V 20Ah Removable Lithium-ion (1040 Watt-hours), IP65 Waterproof
<b>Range</b>	50-110 km (PAS mode)

<b>Max Speed</b>	24 km/h (may exceed with peak power)
<b>Tires</b>	20" x 4.0" Fat Tires
<b>Gears</b>	7-Speed Shimano
<b>Brakes</b>	Front and Rear Hydraulic Disc Brakes
<b>Suspension</b>	Dual Suspension (Dual-crown front fork, Rear shock absorber)
<b>Frame Material</b>	High-Carbon Steel
<b>Wheel Size</b>	20 Inches
<b>Item Weight</b>	35 Kilograms
<b>Recommended Max Load</b>	350 Pounds
<b>Special Features</b>	Removable 52V/48V 20Ah Lithium Battery, High-Efficiency Brushless Motor, Full Suspension, Anti-Puncture Fat Tires, Intuitive Smart LCD Display



Image: Size guide for the DEEPOWER SU8 Electric Bicycle, showing recommended rider height, e-bike weight, and maximum load.

## WARRANTY AND SUPPORT

Your DEEPOWER SU8 Electric Bicycle comes with a 1-year limited product warranty. For any questions, technical assistance, or warranty claims, please contact DEEPOWER customer support.

Contact information can typically be found on the seller's page or included documentation.

