

DEEPOWER S20

DEEPOWER S20 Electric Bike User Manual

Model: S20

[Overview](#) [Setup](#) [Operation](#) [Safety Information](#) [Product](#)
[Maintenance](#) [Troubleshooting](#) [Specifications](#) [Support](#)

1. SAFETY INFORMATION

Before operating your DEEPOWER S20 Electric Bike, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or damage to the product.

General Safety Guidelines

- Always wear a helmet and appropriate safety gear when riding.
- Obey all local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and lights.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.

Battery Safety

- The integrated Battery Management System (BMS) protects the battery from overcharging and overheating.
- The battery is IPX4 water-resistant, suitable for light rain, but avoid submerging it in water.
- Only use the charger provided by DEEPOWER.
- Do not puncture, open, or disassemble the battery pack.

Braking and Visibility

- The S20 is equipped with mechanical disc brakes for reliable stopping power. Regularly check brake pads and cables for wear.
- Utilize the high-brightness headlight and signal taillight to enhance visibility, especially during low-light conditions or at night.

2. PRODUCT OVERVIEW

The DEEPOWER S20 Electric Bike is designed for versatile riding across various terrains, featuring a powerful motor, long-range battery, and a robust suspension system.



The DEEPOWER S20 Electric Bike, showcasing its robust frame and fat tires.

Key Features

- **Powerful Motor:** Equipped with a 1500W brushless hub motor, providing strong acceleration and climbing capability for slopes up to 30°. Top speed can reach 28+ MPH.
- **Long-Range Battery:** Features a detachable 48V lithium battery (available in 13Ah, 20Ah, or 25Ah options) for extended rides. The 13Ah battery offers up to 25 miles in pure electric mode and 35+ miles with pedal assist.
- **Advanced Suspension:** Includes a rear hydraulic shock absorber and front fork suspension for a stable and comfortable ride on diverse terrains.
- **Intuitive LCD Display:** An easy-to-read LCD display provides real-time information on speed, distance, and battery level.

- **All-Terrain Fat Tires:** 20-inch by 4-inch fat tires provide enhanced grip and stability on snow, city roads, sand, and mud.
- **Reliable Braking System:** Mechanical disc brakes ensure effective stopping power.
- **Integrated Lighting:** High-brightness headlight, signal taillight, and turn signals improve visibility and safety.
- **7-Speed Gear System:** A professional 7-speed transmission allows for smooth adaptation to various riding conditions.



Illustration of the 1500W peak motor, highlighting its power and 7-speed gear integration.

48V 13AH

High-Capacity Battery

Pedal Assist
35 Miles

Pure Electric
25 Miles

Charging Time
5-6 H


Key Lock
Removable


BMS
Bulit-in


IPX 4
Level Waterproof

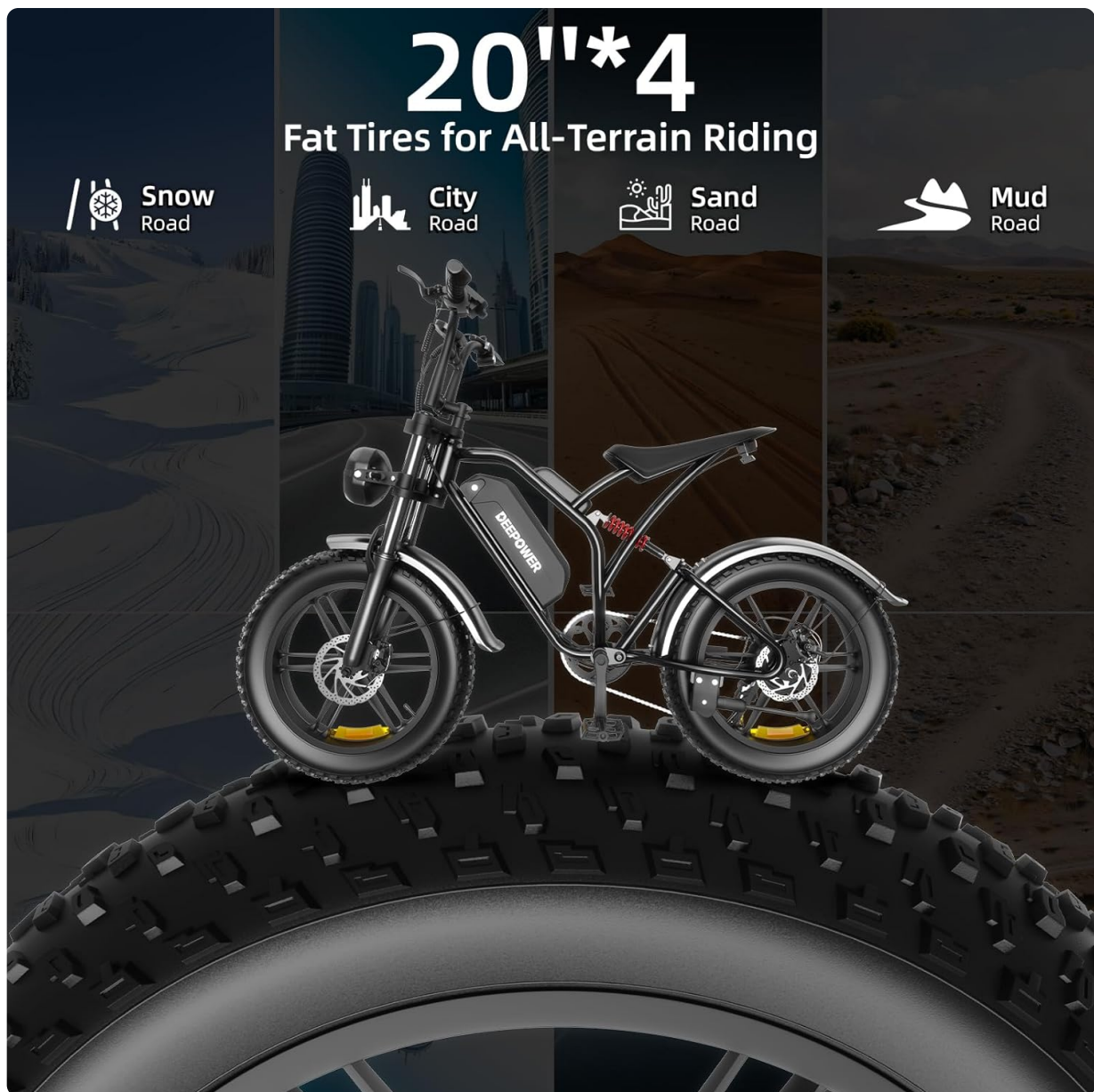
Detailed view of the 48V 13AH removable battery, showing its capacity and charging time.

Advanced LCD Display

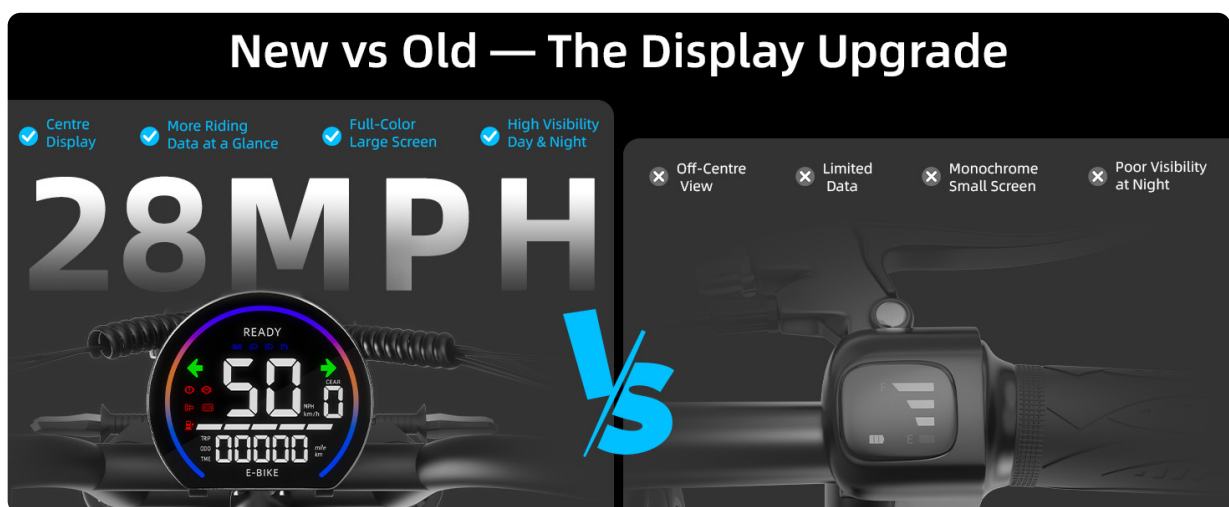
28 MPH



The advanced LCD display showing speed and battery level, along with controls for lighting, speed, and the 7-speed shifter.



The 20-inch by 4-inch fat tires, suitable for various terrains including snow, city roads, sand, and mud.



The DEEPOWER S20 Electric Bike with a visual representation of the optional 48V 13Ah, 20Ah, and 25Ah battery capacities.

3. SETUP AND ASSEMBLY

The DEEPOWER S20 Electric Bike arrives 90% pre-assembled to simplify the setup process. The remaining assembly typically takes 15-30 minutes.

Included Components for Assembly

- Main bike frame (partially assembled)
- Front wheel
- Handlebar
- Pedals
- Front fender
- Tool Kit

Dual Disc Brakes

Front & rear 160mm disc brakes deliver strong, precise stopping in all conditions.

+55% Stronger Braking Power

S20

Others

+60% Quicker Response


S20

Others

+70% Stable Control

S20

Others



Visual representation of the DEEPOWER S20 Electric Bike's main components for assembly, illustrating its 90% pre-installed status.

Assembly Steps (General)

1. Carefully remove all components from the packaging.
2. Attach the front wheel to the front fork. Ensure it is securely fastened.
3. Install the handlebar, adjusting its position for comfortable riding.
4. Screw the pedals into the crank arms. Note that pedals are typically marked 'L' for left and 'R' for right.
5. Attach the front fender.
6. Insert the battery into its compartment and lock it securely with the provided key.
7. Perform a thorough check of all bolts, nuts, and quick releases to ensure they are tightened correctly.

For detailed, step-by-step instructions, refer to the full user manual available via the support section or official channels. Video guides may also be available.

4. OPERATING INSTRUCTIONS

The DEEPOWER S20 offers multiple riding modes and a 7-speed gear system to adapt to your preferences and terrain.

Riding Modes

Full Suspension System

The S20 features a central hydraulic shock and front suspension for a smooth, comfortable ride on any terrain.

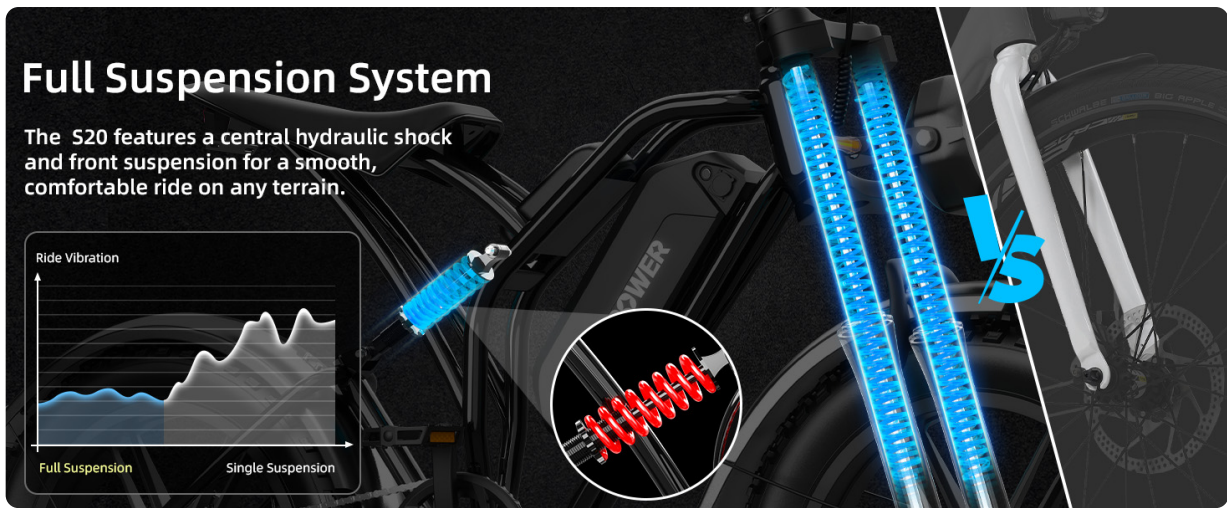
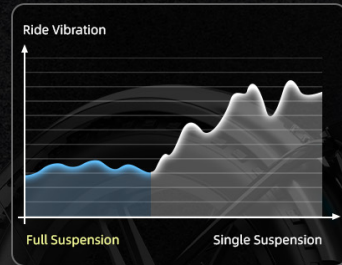
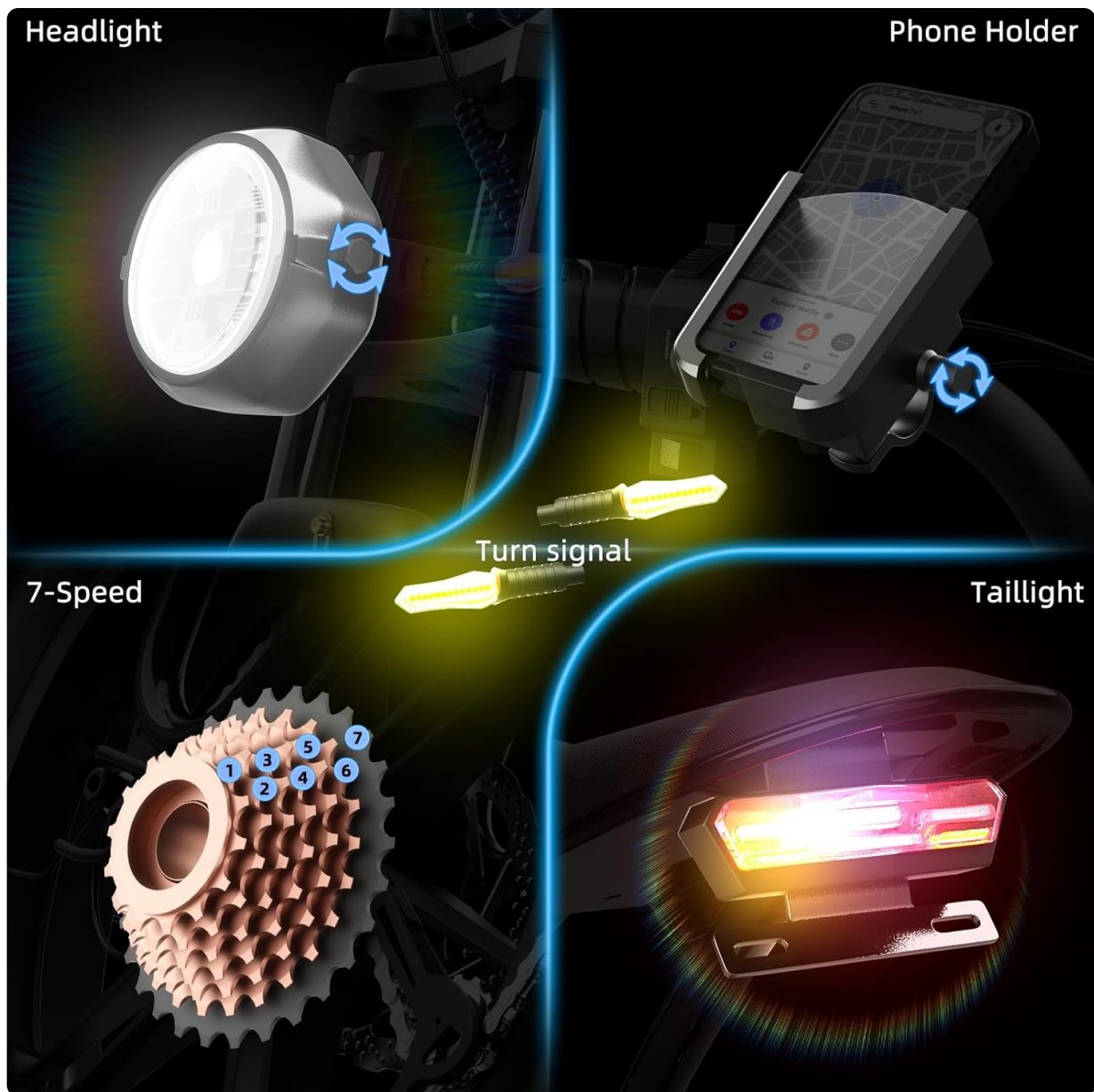


Illustration of the three riding modes: Manual, Electric, and Pedal Assist.

- **Manual Mode:** Ride the bike like a traditional bicycle, using pedal power only.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal, making riding easier, especially on inclines or for longer distances. The level of assistance can typically be adjusted via the LCD display.
- **Full Electric Mode:** Use the twist throttle to engage the motor without pedaling, similar to a motorcycle.

7-Speed Gear System

The professional 7-speed gear system allows you to select the appropriate gear for different speeds and terrains. Use the shifter on the handlebar to change gears smoothly. Lower gears are suitable for climbing hills, while higher gears are for faster speeds on flat surfaces.



Close-up of the 7-speed gear system, headlight, turn signals, and taillight.

LCD Display Usage

The LCD display provides essential riding information:

- **Speed:** Current riding speed.
- **Distance:** Trip distance and total odometer.
- **Battery Level:** Indicates remaining battery charge.
- **PAS Level:** Shows the current level of pedal assistance.

Consult the full manual for detailed instructions on navigating the display menus and adjusting settings.

Battery Charging

To charge the battery:

1. Ensure the bike is turned off.
2. Connect the charger to the battery charging port.
3. Plug the charger into a standard power outlet.

4. Charging typically takes 5-6 hours for a full charge. The charger indicator light will change when charging is complete.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your DEEPOWER S20 Electric Bike.

Routine Checks

- **Tires:** Check tire pressure before each ride. Refer to the tire sidewall for recommended pressure. Inspect for wear or damage.
- **Brakes:** Test brakes before each ride. Ensure brake levers are firm and responsive. Check brake pads for wear and replace if necessary.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Battery:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health. Avoid fully discharging the battery.

Cleaning

Clean your e-bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, bearings, or the motor.

6. TROUBLESHOOTING

This section provides general guidance for common issues. For more complex problems, please contact customer support.

Common Issues and Solutions

- **Bike not turning on:** Check if the battery is properly inserted and locked, and if it has sufficient charge. Ensure all electrical connections are secure.
- **Motor not assisting:** Verify that Pedal Assist Mode (PAS) is activated on the display. Check if the brake levers are fully released, as some systems cut motor power when brakes are applied.
- **Brakes feel weak:** Inspect brake pads for wear. Adjust brake cable tension if necessary. Ensure brake calipers are clean and free of debris.
- **Unusual noises:** Identify the source of the noise. It could be loose components, a dry chain, or issues with the motor or wheels. Address loose parts, lubricate the chain, or contact support if the noise persists.

7. SPECIFICATIONS



Detailed dimensions, bicycle weight, load capacity, and recommended height for the DEEPOWER S20 Electric Bike.

Feature	Specification
Bike Type	Electric Bike
Age Range	Adult
Brand	DEEPOWER
Motor	1500W Peak Brushless Hub Motor
Battery	48V 13Ah/20Ah/25Ah Removable Lithium Battery
Top Speed	28+ MPH
Max Slope	30°
Range (Pure Electric)	Up to 25 miles (13Ah battery)
Range (Pedal Assist)	Up to 35+ miles (13Ah battery)
Charging Time	5-6 Hours

Number of Speeds	7
Wheel Size	20 Inches
Tire Type	20" x 4" Fat Tires
Frame Material	Carbon Steel
Suspension Type	Dual (Front Fork & Rear Hydraulic Shock Absorber)
Brake Style	Mechanical Disc
Special Features	LCD Display, Waterproof (IPX4), Headlight, Taillight, Turn Signals
Item Weight	40 Kilograms (approx. 88 lbs)
Load Capacity	330 lbs
Recommended Height	4'7" - 5'5"

8. WARRANTY AND SUPPORT

DEEPOWER is committed to providing reliable support for your S20 Electric Bike.

Warranty Assurance

Your DEEPOWER S20 Electric Bike comes with a **1-year warranty**, covering manufacturing defects and ensuring peace of mind with your purchase.

Customer Support

For any questions, technical assistance, or warranty claims, please contact our customer service team. We aim to respond to all inquiries within 24 business hours.

- **Direct Email Support:** Deepowery@outlook.com
- **Customer Care Hours:** Monday - Friday, 9:00 am - 6:00 pm (EST)




Information on warranty, email support, and customer care hours.

Full User Manual

For a comprehensive guide and detailed instructions, you can download the full DEEPOWER S20 user manual:


Download S20 User Manual
(PDF)

WE'RE HERE FOR YOU




Warranty Assurance

Enjoy 12 months of reliable coverage, giving you peace of mind every ride.



Direct Email Support

Reach us anytime at DEEPOWER@OUTLOOK.COM - our team is ready to help.



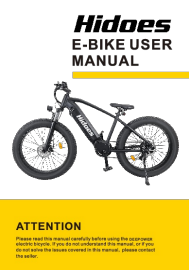



Customer Care Hours

Available Mon-Fri, 9:00 am - 6:00 pm (EST) to assist with all your needs.

QR codes for accessing the S20 manual and direct email support.

Related Documents - S20

<div><p>DEEPOWER EBIKES</p><p>dp</p><p><small>Operation and maintenance manual Before using this e-bike please read the manual Carefully reading the safety rules.</small></p></div>	<p>DEEPOWER EBIKES DP-A1 Operation and Maintenance Manual</p> <p>Comprehensive operation and maintenance manual for the DEEPOWER EBIKES DP-A1 electric bicycle, covering safety, assembly, operation, charging, maintenance, specifications, and troubleshooting.</p>
<div><p><small>DEEPOWER EBIKES</small></p></div>	<p>DEEPOWER S26 E-Bike User Manual</p> <p>User manual for the DEEPOWER S26 electric bicycle, detailing assembly, charging, operation, safety, maintenance, and specifications. Includes warranty information.</p>

 <p>Hidoes E-BIKE USER MANUAL</p> <p>ATTENTION Please read this manual carefully before using the product. Incorrect usage, poor maintenance, or misuse may cause the product to be damaged or even cause an accident. Please read the manual carefully.</p>	<p>DEEPOWER E-BIKE HX D-B5 Owner's Manual and Specifications</p> <p>Comprehensive guide to the DEEPOWER E-BIKE HX D-B5, covering safety, operation, maintenance, and technical specifications for optimal performance and enjoyment.</p>
 <p>DEEPOWER E-BIKE USER MANUAL</p> <p>ATTENTION Please read this manual carefully before using the product. Incorrect usage, poor maintenance, or misuse may cause the product to be damaged or even cause an accident. Please read the manual carefully.</p>	<p>DEEPOWER G20pro E-bike User Manual - Specifications and Operation</p> <p>Comprehensive user manual for the DEEPOWER G20pro electric bicycle, covering specifications, operation, safety, and maintenance. Get the most performance, comfort, enjoyment, and safety from your DEEPOWER E-bike.</p>
 <p>DEEPOWER E-BIKE USER MANUAL</p> <p>ATTENTION Please read this manual carefully before using the product. Incorrect usage, poor maintenance, or misuse may cause the product to be damaged or even cause an accident. Please read the manual carefully.</p>	<p>DEEPOWER E-Bike User Manual: Safety, Operation, and Maintenance Guide</p> <p>Comprehensive user manual for the DEEPOWER E-Bike, covering safety precautions, operational instructions, installation, maintenance, and warranty information. Learn how to safely operate and care for your electric bicycle.</p>
 <p>DEEPOWER EBIKES</p> <p>dp</p> <p>Operation and maintenance manual Before using the vehicle, please read the manual carefully and understand the safety rules. Carefully read the safety rules.</p>	<p>DEEPOWER EBIKES Operation and Maintenance Manual</p> <p>Comprehensive operation and maintenance manual for DEEPOWER EBIKES, covering assembly, safety, operation, charging, troubleshooting, and specifications. Includes detailed instructions and safety warnings.</p>