

c20pro

CHEEVALRY Men's Electric Bike User Manual

Model: c20pro

INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your CHEEVALRY Men's Electric Mountain Bike. Please read this manual thoroughly before first use and retain it for future reference.



Image: The CHEEVALRY Men's Electric Bike, featuring a white frame, front basket, and rear rack. It has 26-inch tires and a comfortable saddle.

SAFETY INFORMATION

Always wear a helmet when riding. Ensure all components are securely fastened before each ride. Do not operate the bike under the influence of alcohol or drugs. Adhere to local traffic laws and regulations.

- Regularly check tire pressure and brake function.
- Do not exceed the maximum load capacity of 130 kg (286 lbs).
- Keep hands and feet clear of moving parts.
- Charge the battery in a well-ventilated area away from flammable materials.

PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- CHEEVALRY Electric Bike Frame
- Removable 36V Battery
- Battery Charger
- Front Basket
- User Manual
- Assembly Tools (if included)

SETUP AND ASSEMBLY

Your CHEEVALRY electric bike requires some assembly before first use. Follow these steps carefully:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely. The handlebars are adjustable for rider comfort.
3. **Front Wheel Installation:** Install the front wheel, ensuring the brake rotor aligns correctly with the caliper. Secure the quick-release skewer or axle nuts.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread the left pedal counter-clockwise and the right pedal clockwise into the crank arms. Tighten firmly.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height for comfortable riding. Ensure the quick-release clamp is securely tightened.
6. **Battery Installation:** Insert the removable battery into its designated compartment. Ensure it clicks into place securely.
7. **Initial Charge:** Before first use, fully charge the battery. Connect the charger to the battery port and then to a power outlet. The charging indicator will show progress.

2-PISTON

Dual Hydraulic Disc Brakes

Enhancing Your Safety with a Heightened & More Sensitive Braking Experience



180 X3 MM
Durable



BRAKE
Braking Power-Off



65 IN
Stopping



HAND FATIGUE
Relieves tired hands



Image: The electric bike connected to its charger, demonstrating the intelligent charging protection system. A full charge takes 5-6 hours.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the bike, press and hold the power button on the display unit. To power off, press and hold the same button.

Riding Modes

Your electric bike features multiple riding modes:

- **Pedal Assist Mode:** The motor provides assistance as you pedal. Adjust the assist level using the '+' and '-' buttons on the display.
- **Throttle Mode:** Engage the throttle (if equipped) for motor-only propulsion without pedaling.
- **Manual Mode:** Ride the bike like a traditional bicycle without motor assistance.

Smart Display

The smart display provides real-time information:

- Riding Speed (KM/H)
- Battery Status
- Odometer (ODO)
- Illumination Status
- Riding Distance



Image: Close-up of the electric bike's handlebars showing the smart display, front brake lever, and 7-speed shifter. The display shows speed, battery, and odometer readings.

Braking System

The bike is equipped with 2-Piston Dual Hydraulic Disc Brakes for enhanced safety and sensitive braking. Apply both brake levers smoothly to slow down or stop. The braking system includes a power-off feature that cuts motor power when brakes are applied.

960WH

High-Capacity Lithium Battery

Removable Battery, Double the Range, Explore Beyond Limits



48V20AH
Cells Battery



BMS
Protection system



120KM
Max Range



3A
Fast Charger



DETACHABLE
All-round protection



IP65
Waterproof

Image: Illustration highlighting the 2-Piston Dual Hydraulic Disc Brakes on the electric bike, emphasizing their durability, stopping power, and fatigue reduction.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride. The 20x3.0 puncture-resistant tires are designed for various terrains including snow, beach, dirt, and stone roads.
- **Brakes:** Inspect brake pads and rotors for wear. Adjust brake tension as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 2-3 months. The battery features a BMS protection system.
- **Fasteners:** Periodically check all bolts and nuts for tightness.



Image: Close-up of the 20x3.0 puncture-resistant tires, illustrating their suitability for various road conditions like snow, beach, dirt, and stone roads.

POWERFUL BRUSHLESS MOTOR



48V20AH
(Brushless Motor)



53NM
(Maximum Torque)



120KM
(Maximum Mileage)



40°
(Maximum Slope)

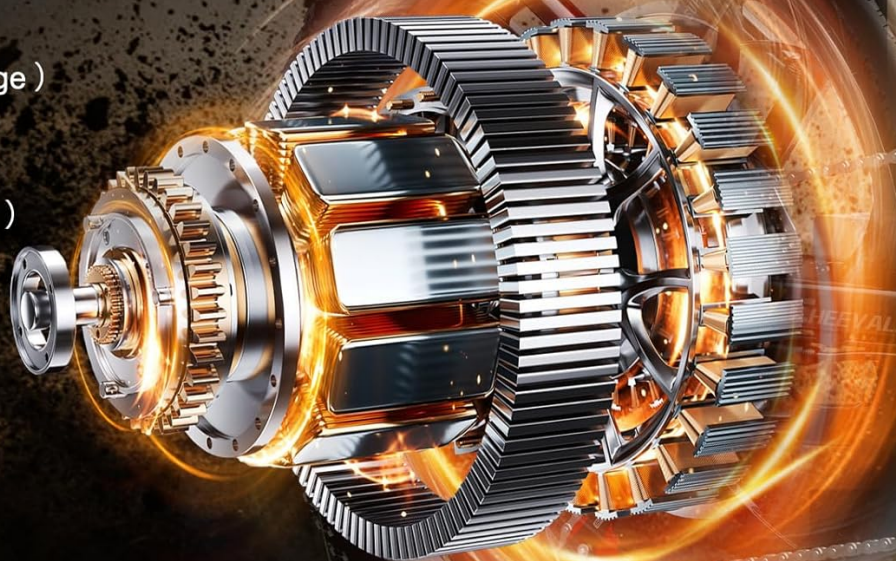


Image: Detailed view of the 960WH high-capacity removable lithium battery, highlighting its 48V20AH cells, BMS protection, 120KM max range, 3A fast charger, detachability, and IP65 waterproof rating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated	Charge battery fully; ensure battery is securely installed.
Motor not assisting	Low battery, assist level set to zero, or brake lever engaged	Check battery level; increase assist level; ensure brake levers are not pressed.
Brakes squealing	Dirty rotors or worn pads	Clean rotors with disc brake cleaner; replace worn brake pads.
Unusual noises from drivetrain	Dry chain or misaligned gears	Lubricate chain; consult a bike mechanic for gear adjustment.

Problem	Possible Cause	Solution
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SPECIFICATIONS

- **Model:** c20pro
- **Bike Type:** City Bike / Electric Mountain Bike
- **Age Range:** Adult
- **Motor:** Brushless Motor (48V20AH, 53NM Maximum Torque)
- **Battery:** 36V (Removable), 960WH High-Capacity Lithium Battery (48V20AH cells)
- **Range:** 35-45km (up to 120KM max range with 48V20AH battery)
- **Tires:** 26 Inch (20x3.0 Puncture-Resistant)
- **Number of Speeds:** 7
- **Frame Material:** Aluminum
- **Suspension Type:** Dual
- **Brake Style:** 2-Piston Dual Hydraulic Disc Brakes (Caliper)
- **Special Features:** Adjustable Handlebars, Foldable
- **Included Components:** Basket
- **Max Load Capacity:** 130KG (286 lbs)
- **Net Weight:** 24.5KG (54 lbs)
- **Max Slope:** 40 degrees
- **Charging Time:** 5-6 Hours (with 3A Fast Charger)
- **Waterproof Rating:** IP65 (for battery)

INTELLIGENT CHARGING PROTECTION

5-6 Hours Fast Charging, Safe Battery Cruise
1000 Cycles for Battery Life Protection



Image: Illustration of the powerful brushless motor, detailing its 48V20AH capacity, 53NM maximum torque, 120KM maximum mileage, and 40-degree maximum slope capability.

DIMENSION REFERENCE

Easy to mount and dismount, accessible to all users



160~195CM

Rider height



130KG

Load capacity



24.5KG

Net weight



Image: Dimension reference diagram for the electric bike, showing recommended rider height (160-195cm), load capacity (130KG), net weight (24.5KG), and overall bike dimensions (170cm length, 117cm height).

WARRANTY AND SUPPORT

The CHEEVALRY Electric Bike comes with a **2-Year Manufacturer Warranty**. For warranty claims or technical support, please contact the manufacturer or your point of purchase.

For further assistance, refer to the contact information provided with your purchase documentation.