

URLIFE

E-BIKE URLIFE E20 USER MANUAL

Do not use this product before carefully reading the user manual and understanding the performance of the electric scooter.
Please keep the user manual properly.

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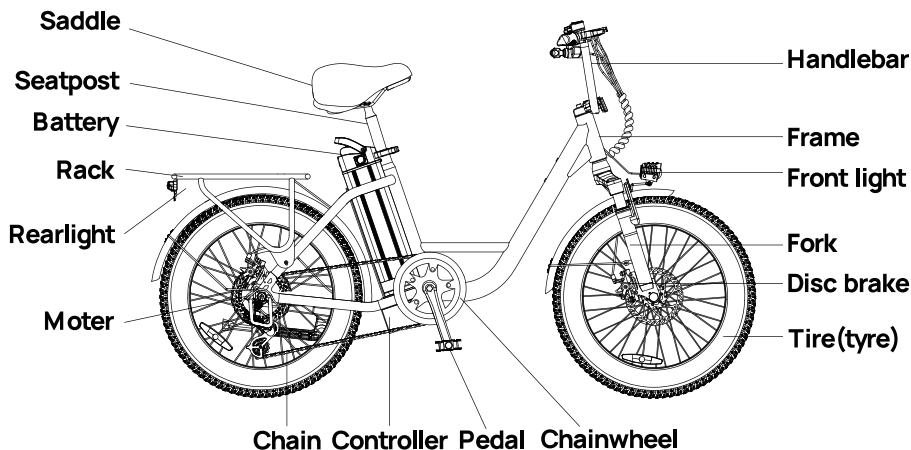
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PARTS & COMPONENTS

EN



Note: Due to the company's product upgrades, some details of the product you receive may differ from those in this picture, but this will not affect your normal use



Pedals x 2



Charger x 1



User Manual x 1
Warranty Card x 1

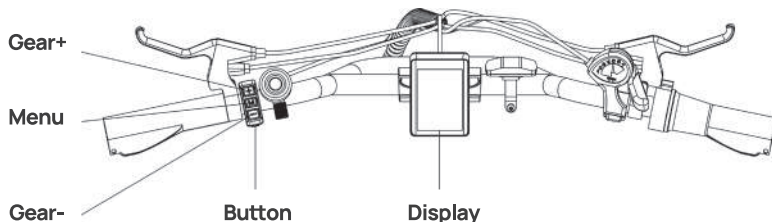


Hex Wrench x 3



15mm External
Hex Wrench x 1

ASSEMBLY



Speed Modes

Average Speed (AVG SPEED), Maximum Speed (MAX SPEED), Real-time Speed (RT SPEED).

Battery Indicator

5-segment battery level indicator + digital percentage display. The voltage values for each segment can be customized according to customer requirements. An optimized algorithm ensures stable battery level prompts, unaffected by motor start/stop fluctuations. If the system supports battery communication, it can display an accurate percentage.

Headlight Indicator

Displays the headlight symbol when the headlight is turned on.



Brake Prompt

Displays the brake symbol when power is cut off during braking.



Gear Indicator

Shows the current assist level (0~3), where 0 is neutral (no assist) and 1~3 corresponds to assist levels. In 6km push mode, "P" is displayed.

Fault Prompt

Displays the fault symbol when an error is detected.

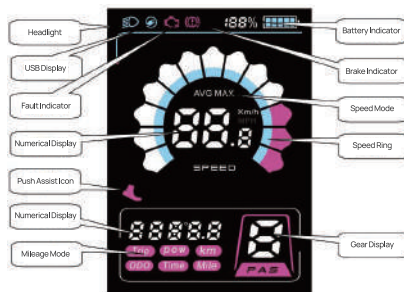


Mileage Modes

Includes Single Trip (TRIP), Total Mileage (ODO), and Riding Time (TIME).

Mileage Display

Shows mileage or time information according to the selected mode.

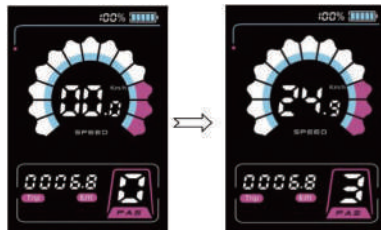


Power On/Off

When the display is off, long-press (3 seconds) the power button to turn on the display and activate the controller. When powered on, long-press (3 seconds) the power button to shut down the display. The system will automatically power off after 10 minutes of standby (no riding activity or user interaction).


Assist Level Selection

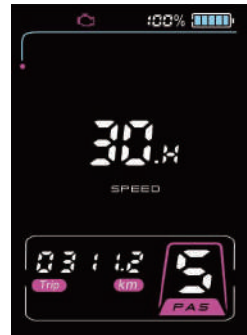
In manual gear shift mode, briefly press the + or - button to change assist levels and adjust the power ratio. The system offers 3 levels (1 being minimum, 3 maximum), with level 1 set as default when powered on. Level 0 indicates neutral with no assist.



ASSEMBLY

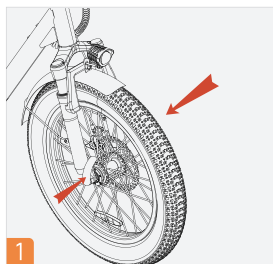
Fault Code Explanation

The UKS1 can provide error indications for vehicle faults. When a fault is detected, LCD Display  icon the system will display error code "n" and its description in the speed display area. Please refer to the code reference table to identify the corresponding fault.

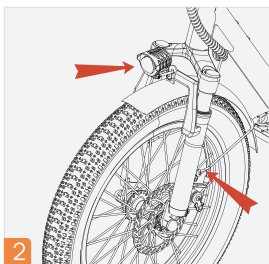


NO	Fault Information	Display Code	Remarks
1	Brake System Fault	02	
2	Pedal Assist Sensor Malfunction	03	
3	Battery Under-Voltage	06	
4	Motor Failure	07	
5	Throttle Fault	08	
6	Controller Error	09	
7	Communication Receive Failure	10	Cannot receive display data
8	Communication Transmit Failure	11	Cannot receive controller data

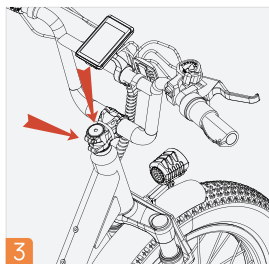
ASSEMBLY



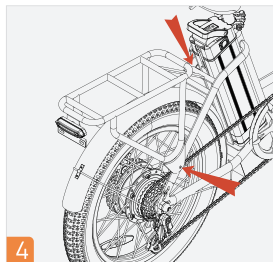
Using the designated tool, remove the shipping axle and secure the front wheel in the position shown in the diagram. Ensure the disc brake and caliper are on the same side. Align using the connection between front wheel and fork.



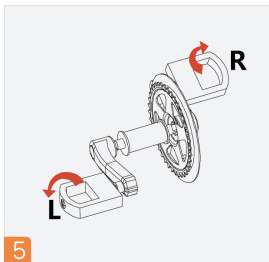
Use designated tools to first install the fender, then the headlight. Verify stability of fender, headlight and fork assembly.



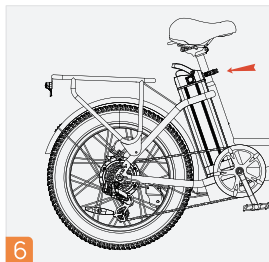
Secure the handlebar to the stem using designated tools and check handlebar stability.



Install the rear rack to the frame using designated tools and verify rack stability.



Thread pedals into crank arms following arrow directions (marked on cranks), then tighten with a pedal wrench.



Open seat clamp, adjust saddle height, then securely close the clamp.

PRODUCT PARAMETERS

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Exterior Dimensions	Parameter	Speci cation
	Model	E20
	Frame Material	Carbon Steel
	Unfolded Size	1630*730*1120mm
	Package Size	1370*240*650mm
	Wheelbase	1070mm
	Pedal Height from Ground	120mm
	Wheel Size	20inches
	Frame Color	Black/Green

Performance Parameters	Frame Weight	30 ± 0.3KG
	Load Capacity	120kg
	Riding Speed	20km/h
	Maximum Design Speed	25km/h
	Power Consumption per 100km	3.75kwh
	Electric Range	65km
	Pedal Assist Range	80km
	Maximum Climbing Angle	15°
	Operating Temperature	-10~45°C
	Waterproof Rating	IP54

Note: Battery level, load, tire pressure, road conditions, chain, and tire lubrication can affect the maximum speed. The range is tested under the following conditions: 25°C, 60kg load, 15~20km/h speed, flat and hard road surface, from full charge to complete discharge, continuous testing. Driving habits, temperature, load, tire pressure, and road conditions can affect the range.

PRODUCT PARAMETERS

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Parameter Configuration	Model	E20
	Battery Type	Lithium-ion Battery
	Battery Capacity	13 Ah
	Battery Rated Voltage	DC48V
	Charging Voltage	DC54.6V
	Charger Input Voltage	AC100-240V
	Charging Time	6-7 hours
	Motor Type	Brushless DC Motor
	Motor Rated Power	250W peak 750w
	Motor Rated Speed	372r/min
	Motor Rated Voltage	48V
	Controller Undervoltage Value	41V±1V
	Controller Current Limit	15±1A

Product Features	Smart App	No
	Front Light	Yes
	Rear Light	Yes
	Seat	Adjustable
	Cruise Control	No
	Braking System	Front and Rear Disc Brakes
	Custom Stickers	Supported

Note: Battery level, load, tire pressure, road conditions, chain, and tire lubrication can affect the maximum speed. The range is tested under the following conditions: 25°C, 60kg load, 15-20km/h speed, flat and hard road surface, from full charge to complete discharge, continuous testing. Driving habits, temperature, load, tire pressure, and road conditions can affect the range.

PRECAUTIONS

Battery and Charging:

- Charge within 0°C~45°C, discharge within -20°C~60°C. Keep the battery dry.
- Do not expose the battery to acidic or alkaline liquids, avoid rain, and keep away from fire, heat sources, and high-temperature environments.
- Do not reverse the battery polarity, disassemble the battery, or cause a short circuit.
- Use the original charger and do not charge for more than 12 hours. The charging current should not exceed 2A.
- If not used for a long time, store the battery in a cool, dry place and charge it for two hours every month.
- Follow the charging instructions; otherwise, the consequences are at your own risk.
- Ensure the charger is compatible with the battery type and voltage. Do not mix chargers.
- Charge in a well-ventilated area; avoid charging in enclosed spaces or under direct sunlight.
- When charging, connect the battery first, then plug in the power. After charging, disconnect the power first, then remove the battery.
- Stop charging when the green light turns on. Do not leave the charger connected to the power source without charging.
- If the indicator light is abnormal, there is a strange smell, or the charger overheats, stop charging immediately and have the charger checked or replaced.
- Do not disassemble used batteries; they are hazardous and should be recycled by professional departments.
- Avoid foreign objects, especially water or other liquids, entering the charger to prevent short circuits.
- Do not carry the charger with the bike unless it is properly cushioned and placed in a toolbox. Do not disassemble or replace components inside the charger.

Riding:

- Do not use the product before reading the manual and understanding its performance.
- Do not lend the bike to someone who cannot operate it to avoid injury.
- Always wear a helmet, follow traffic rules, and do not ride on motor vehicle lanes or crowded pedestrian paths.
- Do not carry passengers or items beyond the legal limit. Do not park in building entrances, stairwells, walkways, or emergency exits.
- Do not charge or park in residential buildings. Keep the bike away from flammable materials when charging, and do not charge for too long.
- Ride at a speed not exceeding 15km/h on non-motorized lanes, downhill, or uneven roads. Ride on the right side if there is no non-motorized lane.
- Adjust the distance or slope carefully to avoid crossing safety lines of other vehicles or passengers.
- Check tire pressure before riding; recommended pressure is 35-45 PSI.
- Check the electrical circuit, lighting, and other systems before riding.
- Ensure the front and rear brakes are working, the handlebar and wheels are securely fastened, and the reflectors are not damaged or dirty.

- Keep the motor clean and lubricated.
- Do not exceed the maximum load capacity of 120kg.
- Braking distance increases in rain or snow; ride slowly and carefully.
- Avoid riding in heavy rain or other severe weather conditions.
- **Do not ride with one hand. The bike is suitable for users aged 16-45. Do not allow anyone under 16 to ride the electric bicycle on public roads.**

Maintenance and Care:

- Ensure the front and rear wheels are centered on the fork or frame.
- Store the bike in a shaded, dry place after riding.
- Do not wash the bike with water; use a damp cloth to clean the surface.
- Regularly check the motor and brakes; do not oil the brakes.
- Regularly check and tighten all screws and bolts.
- **Recommended torque (in kgf.cm):** Handlebar screws 60-80, stem screws 175-200, seat screws 175-250, wheel screws 320-450.
- Regularly check the chain tension and adjust it with the chain tensioner.
- Regularly inspect the tires for damage, cracks, or excessive wear. The inner tube and valve should be perpendicular to the rim. Replace the tire immediately if it is punctured or excessively worn. Seek professional help for tire replacement.
- Do not modify the frame, fork, stem, or other critical structural or electrical components. Use original parts for replacements; otherwise, the warranty will be void, and any damage or loss caused by modifications is your responsibility.

Disclaimer:

- The company reserves the right to modify and interpret the product models, specifications, or related information mentioned in this manual.
- The functions mentioned in this manual are specific to the mentioned models.
- The company will not notify users of any changes or modifications to the product models, specifications, or related information.
- **Do not reproduce, modify, distribute, or publish the content of this manual without prior written permission from the company.**
- Please read this manual carefully before using the product and follow the instructions. The company is not responsible for any product damage or personal or property loss caused by improper use.
- For more product information, please visit the official website: [<https://urlifebike.com/>]

Warranty Info

1 YEARS FRAME + 1 YEARS BATTERY + 1 YEARS MOTOR

Parts & Components	Warranty Period	Warranty Terms
Frame	12 months	Covered after sales: natural deformation/ welding cracks/ desoldering cracks/ manufacturing defects. Not covered after sales: self-modification/ damage upon crash.
Battery	12 months	Covered after sales: Replacement for poor contact, power failure, no power storage, and capacity below 60%. Not covered after sales: water ingress/ artificial damage/ poor maintenance as in who charging for over a month.
Motor	12 months	Covered after sales: repair for coil phase damage, demagnetisation, detachment, axle deformation, noisy bearing and other quality defects. Not covered after sales: any damage caused by improper riding or operation, alteration without authorisation or any other artificial reason.
Others	/	Please contact us upon damage.

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