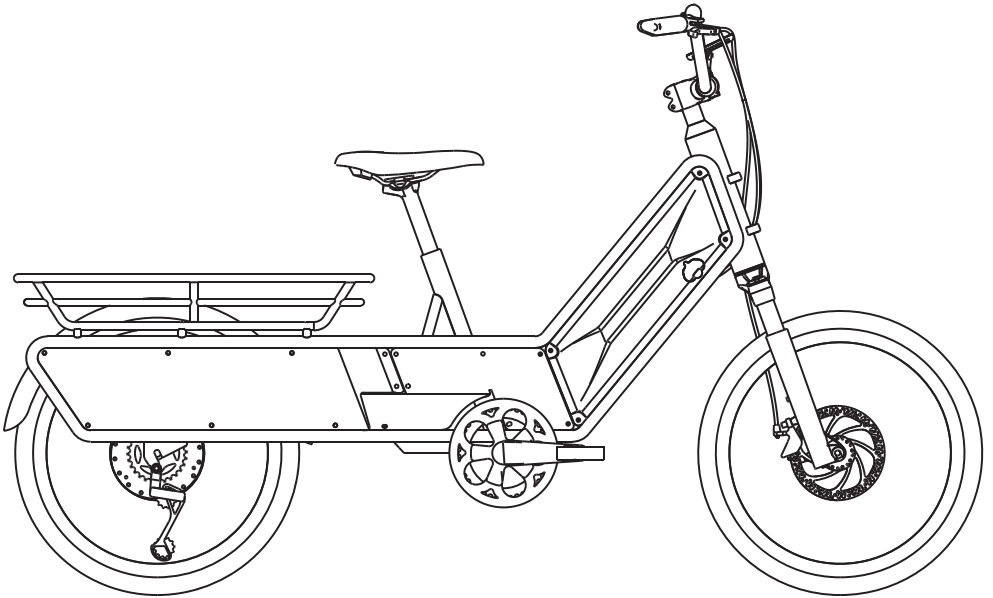


FAHRBIKE

FAHRBIKE URBANCARRY MANUAL



www.fahrbike.com

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Welcome

- Within the development of our brand, Fahrbike will continue to introduce versatile fat tire bikes adaptable to various riding conditions.
- Based on the exploration of the market in the past 2 years, we have created the new Fahrbike UrbanCarry. The new ebike has a powerful electrical drive configuration, super cargo capacity and massive rear rack space, which can meet with different storage requirements.

Before first riding

- Please have a detailed reading before your first ride.
- Please obey the traffic rules and follow the proper safety riding instructions.
- Please read the safety tips and user guidance carefully.

Disclaimer

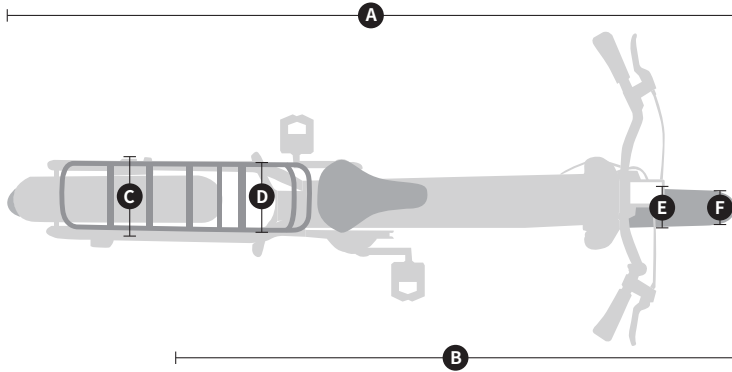
Warning: Fahrbike, Inc. shall be not responsible for any vehicle breakdown, damage or injurie caused by:

- 1.unauthorized refitting, or use of non-original replacement parts without inquiry;
- 2.dissembly or use with violence;
- 3.riding the ebike in unrecommended places.

Assemble your ebike

- For a detailed tutorial,you can scan the QR code on the cover or check the instructions on the attached page.
- If you are not confident in assembling the bike yourself, we strongly recommend that you have your bike assembled by a qualified bicycle mechanic.

Product



No.	Measurement	inch
A	UrbanCarry ega/Pro length	74.02
B	UrbanCarry Mini length	68.11
C	UrbanCarry Mega rear rack width	6.89
D	UrbanCarry Pro/Mini rear rack width	5.83
E	UrbanCarry Mega tire width	40
F	UrbanCarry Pro/Mini tire width	3.0

• Features

- Huge power and innovative frame
- All frame side-cover design
- A wide range of accessories are available to enhance the versatility based on the usage purpose. UrbanCarry is compatible to most available bike accessories, trailers, surfboard carriers, storage boxes, folding boxes, etc. Meanwhile, it has the exclusive accessories, including a front basket with lights, side footrests, armrest frames, and cushions.

(More details can be found on the Fahrbike Accessories page)

• User Group

Any person over 16 years old (Subject to state laws and regulations)

• Specifications

Product Specification			
Battery	48V, 15Ah / 20Ah	Front Fork	Suspension Fork* Mega Is Rigid Fork
Motor	750W / 1000W Geared Brushless Motor	Bike Frame	6061 Aluminum *Mega Is Steel
Display	LCD Display	Brake	180mm Hydraulic Disc Brakes
Speed	28MPH	Tires	Kenda 20.0" x 3.0" / 4.0" Fat Tire
Pedal	Aluminum Platform	Shifter	Shimano Tourney 7-Speed
Recommended Rider Heights	Designed for Riders 5'2" to 6'4" Tall	Product Weight	100~130lbs

Preparation for riding

- **Check the surface of your ebike**

- The side metal cover is not bent or cut.
- The side plastic battery cover is not cut or cracked.

- **Check the power**

- LCD display shows sufficient power.
- Check the battery power(must be similar to the display).

- **Basic setting and adjustment**

When you turn on the display, the ebike is powered on at the same time. You can use the throttle or foot pedal to start the motor (note that the throttle also has a switch, and the motor does not work when PAS is at 0).

- **Guidelines for safe riding and use**

- ⚠ **Warning: This vehicle is a Class 3 EBIKES, you shall be cautious when riding at the speeds over 20mph.**
- ⚠ **Warning: Children under 12 years old shall not touch the ebike and are prohibited from riding.**

- **Switch on and off your ebike**

The UrbanCarry is zero start, which means you can use the throttle to switch on the motor directly. The throttle must be locked when not riding on power.

When the ebike is unladen, it is recommended to the set the at gear 1 or gear 2.

When the rear rack is carrying person or heavy things, it is recommended to set the PAS over gear 3 or use the throttle.

- **Charging instructions**

Make the recharge without removing the battery as much as possible to avoid damage to the cover or accidents like dropping down the battery.

Charging under U.S. standard voltage

- **Brake System**

The UrbanCarry uses the oil-hydraulic disc brakes. The left brake lever is connected to the front brake, the right one to the rear brake.

If there is any problem with the brake system, please contact us for maintenance or replacement in time.

• Payload range

Please ride within the specified load capacity, do not carry people or goods overweight.

Seat Load Capacity	≤220 lbs
Front Rack(OPTIONAL) Capacity	≤ 40lbs
Rear Rack Capacity: Mega	≤330lbs
Pro	≤265lbs
Mini	≤220lbs

• Wear your helmet

Always wear a cycling helmet that meets the latest certification standards before the ride.

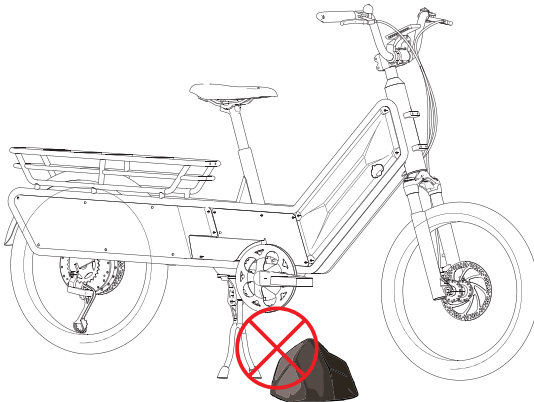
Always follow the helmet manufacturer's instructions for fit, use and care of your helmet.

• Be careful when riding

Electric bikes are regulated, and regulations vary by country, state, or city. It is your responsibility to learn and comply with local laws. You can contact local authorities, electric bicycle stores, or bicycle associations for more details about the legal requirements.

• Park your bike properly

UrbanCarry Mega & Pro's kickstand are in the center, please park on a level surface to avoid vehicle damage and injuries due to tipping.



- **Cautions for riding in rainy days or at night**

On rainy days and at night, the visibility will become bad. The speed shall be controlled under 20mph and the lights shall be kept on.

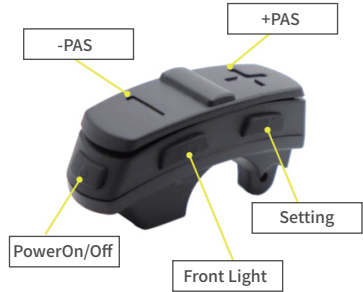
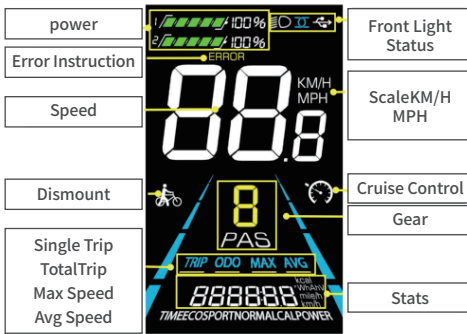
- **Riding habits**

Users must familiarize themselves with the power controls before riding. It is strongly recommended that you ride your new bike in an open area and set the assist level to "0". Once you become accustomed to operating your bike, you can gradually increase the assistance level.

It is a good practice to keep your hands over the brake levers. The brake levers are equipped with motor protectors that shut off motor power when the bike is activated. If you lose control for any reason, immediately apply the brake levers to shut off motor power. Do not attempt to stop your bike with your feet as this may cause you to lose your balance.

When walking or carrying your bike, turn off the power to avoid accidentally turning on the motor. If the motor is accidentally turned on, immediately apply the brakes to cut the power.

Display and Settings



• Switching the Power ON / OFF

- Press and hold the power button for two seconds. The LCD turns on and the bike is ready to start.
- To switch off, press and hold the power button for two seconds

• Power Assist Level

- The assistance level determines the power of the motor when pedaling.
- There are 1-5 assistance levels, with 1 being the lowest and 5 being the highest. If you want to ride without motor assistance, select 0.
- Press the + (up) / - (down) button to change the assistance level.

• Throttle (Accelerator) and Cruise Control

- The throttle is activated as soon as the LCD display is turned on.
- If you want to switch off the throttle, and select support level "0".
- To activate cruise control, see LCD advanced settings

• Switching ON / OFF the light

Press and hold light button for one second to switch on/off the light.(It may take several seconds)

• Error Code Definition

When an error is detected, the display LCD will show an error code.

The error codes range from:

- Error 01: Controller overheating
- Error 07: Motor phase lost
- Error 22: Throttle error
- Error 24: Motor hall error
- Error 30: Controller communication error

• Enter the setting

- Press the **+** (up) and **-** (down) button together for 2~3 seconds to enter the settings.
- Press the **setting button** to change options, jumping character means the option being set.
- Hold the **setting button 2~3 seconds** to finish and quit the setting.
- Press **the + (up) or - (down) button** to change setting objects or values.

• Setup Details

No	Name	Status
P01	Unit	00-Metric System 01-British System Default: 00
P02	Backlight illumination	Range:1-3 Default: 2
P03	Auto shutdown time	00-No shutdown Default:10 mins
P04	Wheel diameter	Range adjustable, Default: 20F
P05	Speed Limiting	Range Adjustable, Default: 32mph
P06	Pre-charging	Range:1-3, Default:1
P07	Gear Range	Range: 0-3, 1-3, 0-5, 1-5, 0-7, 1-7, 0-9, 1-9, Default:0-5
P08	Cruise Control	00-Auto Curise Off, 01-Auto Curise On, Default: 00
P09	Password Setting	The password function is not enabled by default. You can change the Psd-N into Psd-y to activate the function. The default password is 1212 and it could be changed by yourself. You must remember the password after your change it!. Default: N
P10	Voltage rating	Option: 24V 36V 48V 52V 60V Default:48V
P11	PAS sensitivity setting	range: 2-9 default: 4

Warranty

Our e-bikes are built with sturdy frames and high-quality parts from solid brand manufacturers.

• Claim for shipping damage

- Each e-bike comes with a 12-month warranty against defects from the manufacturer.
- Please inspect the package when you receive your order.
- If you notice any damage to the package, please take photos to our customer service's mail.
- This is to support any claims if the product has been damaged inside and to prove that the damage is due to shipping.

• Out-of-the-box defect policy

With our out-of-the-box defect policy, we guarantee that you will receive a working bike. If your bike is damaged or does not work, we will cover the cost of repairs to get your bike back in working order.

Claims of out-of-the-box defects must be reported within 2 weeks of receipt of the bicycle and after no more than 5 kilometers (3 miles) of use.

Any defects claimed after the specified time or distance are not covered by the term "out-of-the-box defects".

However, this does not affect the validity of the 12-month warranty.

• 12-month Warranty

- The 12 months start on the day you receive your bike, not the day you buy it.
- The warranty covers all manufacturer defects on the main frame of the bike.
- The warranty also covers any electrical defects that may occur during normal use.
- If an electrical component stops working or does not perform as expected, we will work with you to repair or replace the faulty part. This also covers the cost of shipping and handling.
- FAHRBIKE will only cover work or services provided by FAHRBIKE authorized repair shops. Repair service provided by workshops not authorized by FAHRBIKE will not be covered.
- If our warranty team determines that the defect is due to rider/owner abuse or negligence, the part will not be covered under warranty

*The above warranty clause is limited to general household use. If you are going to use our ebikes for commercial purposes (rental or take-out services, etc.) Please contact our official customer service(info@fahrbike.com) in time, we will provide the insurance program for commercial use.

Battery

• Care

Make sure the battery is fully charged before the first ride. Connect the charger to the battery first and then to the power outlet. The charger will show a red light to indicate that the battery is charging. Once the battery is fully charged, the indicator will turn green.

• Charging

Remove the charger from the battery when it is fully charged. The charger will automatically stop charging when the battery is full. However, unnecessary damage to the charging components may occur if the charger remains connected to the battery and power source. Temperatures shall be between 10 and 25 °C.

Charge the battery by the compatible charger. Do not attempt to use any other charger as this may damage the battery or cause a fire or explosion.

Do not leave the battery unattended while charging.

Avoid frequent battery drain charging.

WARNING



The battery can be recharged after each use. Charging the battery after short trips will not cause any damage.

• Storage

- Park your ebike inside during extreme weather.
- Avoid storing the battery in places of high temperature or high humidity.
- Charge the battery to 70% if not used for two months. The battery will slowly discharge over time.
- When the power reaches 20%, recharge it again to 70%.

Maintenance

It is important to properly maintain your bicycle and tune it regularly to ensure optimal performance and safe riding.

Regularly lubricate your chain, gears, sprocket, and all moving parts.

Before each ride, check the condition of your bike and make sure it is well maintained. If in doubt, consult a bicycle mechanic.

WARNING



If you do not have the experience, skill, or tools necessary to service your bicycle, we strongly recommend that you hire a qualified bicycle mechanic to do the work for you.

Cleaning

Wipe your bike after every wet ride & store it in a dry place to avoid rust and corrosion.

Always remove the battery when cleaning or servicing your bike.

Clean the battery and battery case with a slightly damp cloth as needed. Do not spray with water as this may damage the battery or cause a short circuit.

TIPS

1. Check tire pressure regularly and make sure tires are inflated with the correct amount of air.
2. Lubricate your chain regularly (every 160 km / 100 miles). Use a special bicycle lubricant to maximize performance and ensure a smoother ride.
3. Park your bike indoors when wet. Proper maintenance is necessary to ensure that all electrical systems are working properly and to prevent your bike from rusting and corroding.
4. Avoid transporting your bicycle on a rack when it is raining, as this can allow water to enter the electrical components.



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