

# ***SDREAM Ur***

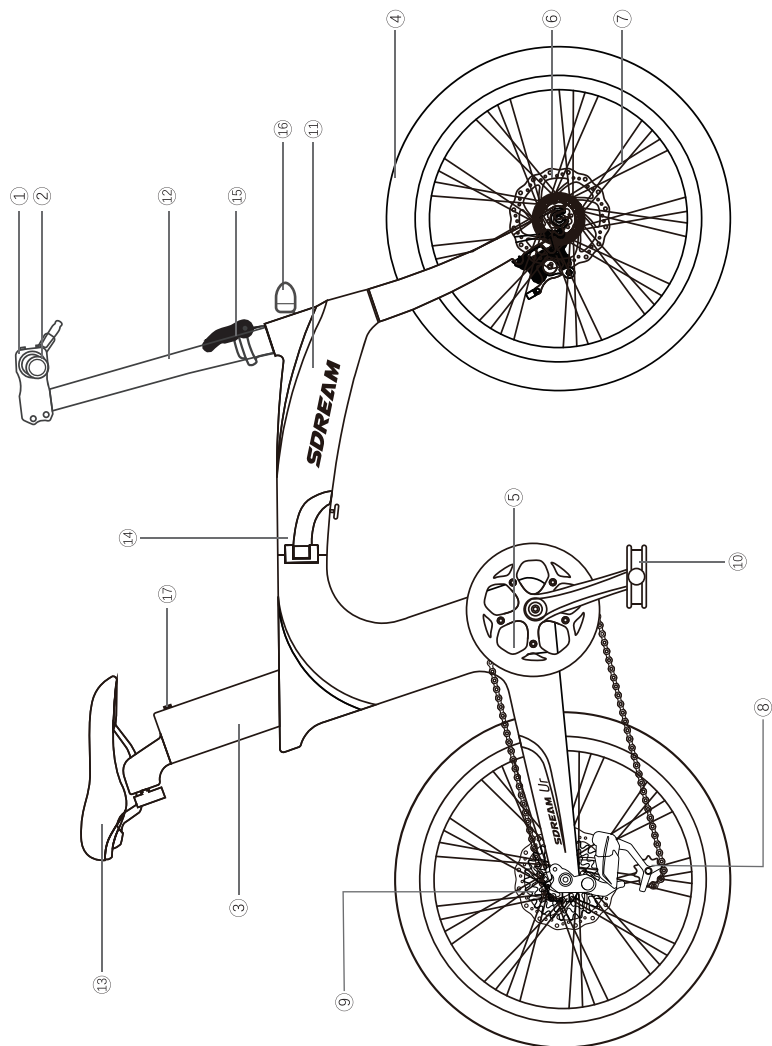
## Electric Bicycle Owner's Manual

Thank you for your purchase of the SDREAM Ur electric bicycle. This manual covers the setup, operation, and maintenance of your e-bike. For the safety of yourself and others, please read and understand it in its entirety before operating the bicycle and retain it for your records.

Because it is impossible to anticipate every situation or condition that can occur while riding, this manual makes no representations about the safe use of bikes. There are risks associated with the use of any bike that cannot be predicted or avoided and are the sole responsibility of the rider. Until you are familiar with the performance of the e-bike, it is recommended not to ride your bike on the road.

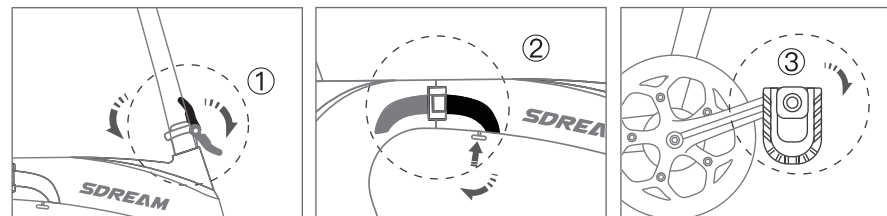
## Overview of the e-bike and components

- ① Display
- ② Shifter
- ③ Removable Li-ion Battery
- ④ Tires
- ⑤ Rear Suspension
- ⑥ Disc Brake
- ⑦ Spoke Wheel
- ⑧ Derailleur
- ⑨ Motor
- ⑩ Foldable Pedals
- ⑪ Frame
- ⑫ Adjustable Stem
- ⑬ Saddle
- ⑭ Frame Hinge
- ⑮ Stem Hinge
- ⑯ Headlight
- ⑰ Battery Button



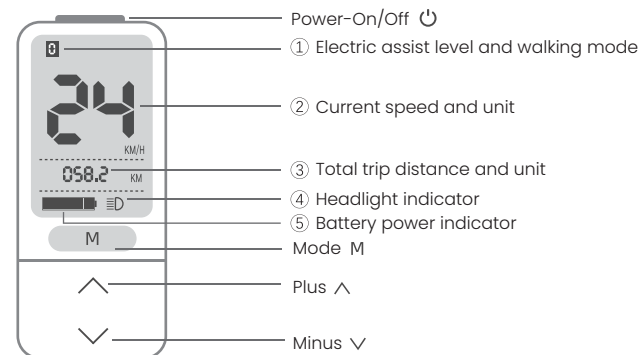
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## Operating the folding mechanism



1. Loosen the clamp by the handlebar hinge and fold the handlebar.
2. Hold the knob under the frame, loosen the clamp by the frame hinge, and fold the bike frame in half.
3. Press the pedals inward and then push them up 90° to fold.

## Operating the display



Before turning on the display, please turn on the battery power by pressing the button on the battery below the saddle.

### Using the display

1. Turn the display on/off: press Power-On/Off key for 2 seconds
2. Switch electric assist level: press Plus (^) key to increase or Minus (v) key to decrease
3. Switch display mode: press Mode (M) key to cycle display modes as follows: total trip distance (TRIP) → total trip time (TRIP TIME) → average speed (AVG) → maximum speed (MAX) → odometer (ODO)
4. Walking mode: press and hold Minus (v) key. Release to exit walking mode. (Note: walking mode activates the bike's motor at a steady 3.7mph (6km/h) so that you can walk alongside it)
5. Turn on the headlight: long press Plus (^) key for 1 second. Long press again to turn the headlight off.

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### Getting to know the display

- ① Current electric assist level (0-5) or walking mode indicator when in walking mode
- ② Current speed
- ③ Total trip distance. Note: restarts after reaching the maximum value of 999.9.
- ④ Headlight indicator
- ⑤ Current battery power level (1-5). When the battery is fully charged, the 5 LED bars are all on. If only one bar is on and flashing, battery power is very low and should be charged immediately.

### Advanced settings

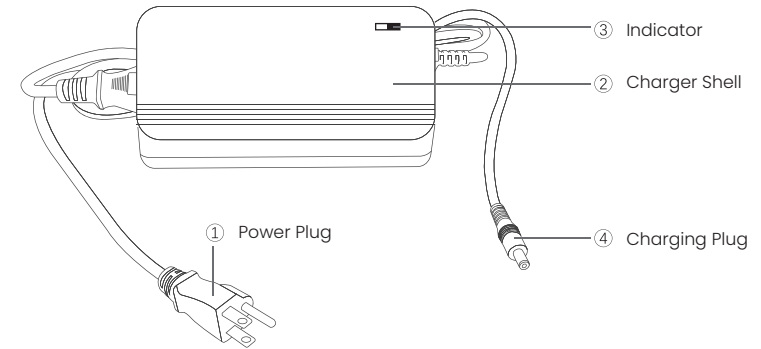
#### 1. User settings:

To enter the settings screen, long-press Mode (M) key for 3 seconds within 10 seconds of powering the display on. The settings screen will time out after 10 seconds of inactivity and return to the normal display mode.

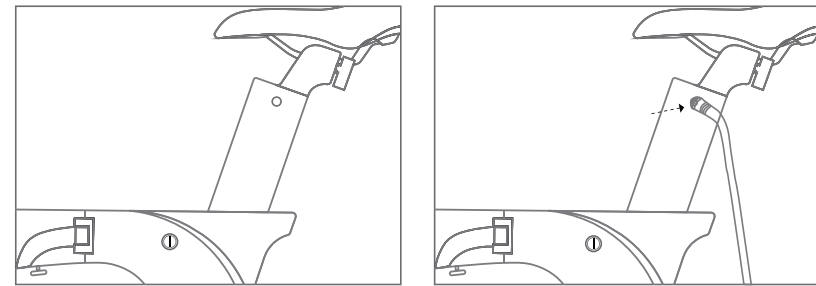
In the settings interface, use the Plus (∧) key and Minus (∨) key to navigate and the Mode (M) key to select the highlighted option. Select KM or MILE to switch between metric and imperial speed and distance units, and EXIT to exit.

#### 2. Data reset:

Long press Mode (M) key for 3 seconds to enter the data reset interface. Short press Mode (M) key to bring up the confirmation window, and short press again to clear the data and return to the main interface. The data reset screen will time out after 5 seconds of inactivity and return to the normal display mode.



### Charging the battery



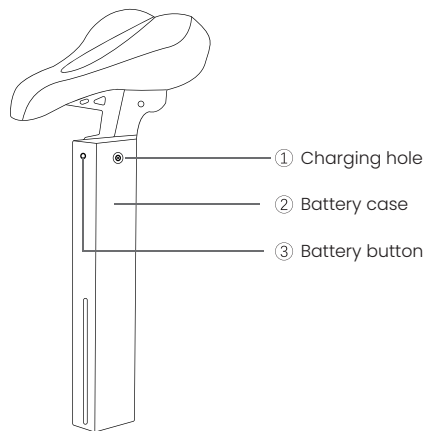
The battery can be charged on the bike or removed for charging. To remove the battery, loosen the seat post clamp, then slowly pull the battery from the bike frame. To charge the battery, follow the steps below:

1. Locate the charging port on the left side of the battery.
2. Connect the charging plug to the battery's charging port.
3. Connect the power plug to a power socket of the specified voltage.
4. The indicator light on the charger will remain Red while charging.
5. When the indicator on the charger turns Green, the battery has been fully charged. It takes ~3-8 hours to fully charge the battery.
6. After the battery is fully charged, unplug the charger from the socket first, then disconnect from the battery charging port.

### Warnings

1. Ensure all connectors are fully plugged in prior to charging
2. Use only the original charger supplied with your e-bike or a genuine SDREAM replacement. Use of an aftermarket charger may cause a battery fault and reduce battery life.
3. Keep the charger and battery in a cool, dry place away from direct sunlight and other sources of heat. Keep away from children.
4. During charging, make sure the charger is in a location with good airflow. The charger may feel warm during charging. This is normal as long as the temperature does not exceed 131°F/55°C.

## Battery and charging



5. Always charge the battery for at least 3 hours. Prior to first use, charge for 8-10 hours.
6. It is recommended not to drain the battery completely. If the battery runs out completely, charge it within 24 hours to preserve battery longevity.
7. It is recommended to charge the battery at least once a month even if the e-bike is not used in order to preserve battery longevity.
8. Prevent metal from touching the charging port of the battery.
9. Follow all local recycling laws when disposing of batteries.

## ■ Limited one year warranty

The SDREAM Ur is covered by a one year limited warranty. During the warranty term, we provide free parts and technical support. Out-of-warranty or non-warranty service is also available for a separate charge.

### Warranty Limitations

1. Faults caused by usage, maintenance, and adjustment without complying with the Owner's Manual recommendations.
2. Faults caused by disassembly, repair, and refitting not authorized in the Owner's Manual or beyond the scope specified in the Manual
3. Faults caused by improper storage, accidents, and disaster caused by force majeure, such as floods and fires.
4. This warranty does not cover normal wear and tear of the bike or its components (for example, tires, inner tubes, brake pads, chains, etc).

## ■ Frequently asked questions

1. What should I do before riding my e-bike?

A few quick checks will help make sure that you're getting the best, safest ride possible, as follows:

- a. All major bolts are tightened
- b. The tires have adequate pressure
- c. The front and rear brakes react as they should to the brake levers
- d. There is no play in the derailleur, chain, or wheel spokes
- e. The battery has a charge and is secured to the bike
- f. All cable connections are correctly plugged in (Note: if cables have been disconnected, please note the two arrows on the connectors MUST be aligned when they are reconnected).

2. What is the maximum range of the e-bike?

The maximum range will be approximately 24-50 miles/40-80 kilometers, depending on a number of factors including pedal input and assist level, tire pressure, and environmental factors such as terrain and wind resistance.

3. How long should I charge the battery?

The first time you use the bike, charge the battery for 8-10 hours. For subsequent charges, the charging time should be at least 3 hours. To maximize battery capacity, continue charging 1-2 hours after the charger indicator turns to green. (Note: If the battery runs out completely, charge it within 24 hours to preserve battery longevity.)

4. Is it normal for the charger to heat up during charging?

It is normal, as long as the temperature does not exceed 131°F/55°C.

5. How do I check the battery status?

Use the battery level indicator on the built-in display. When the battery is fully charged, the 5 LED bars are all on. If only one bar is on and flashing, battery power is very low and the battery should be charged immediately.

6. What if the battery runs out? Can I still ride the bike?

Yes, when the battery runs out the bike can be ridden like a regular bicycle.

7. How can I ensure the longevity of my battery?

To preserve battery performance, follow the below recommendations:

- a. Store your bike indoors if possible, away from direct sunlight and other sources of heat as well as moisture such as from rain.
- b. Avoid charging the battery in extremely cold (under 32°F/0°C) or hot (above 122°F/50°C) environments as it may reduce the battery's service life or even cause a fire.
- c. It is recommended not to drain the battery completely, and to charge the battery after every ride if possible. If the battery runs out completely, charge it within 24 hours to preserve battery longevity.
- d. It is recommended to charge the battery at least once a month even if the e-bike is not used in order to preserve battery longevity. If storing the battery for a long time, make sure the charge level stays above 40%.
- e. Use only the original charger supplied with your e-bike or a genuine SDREAM replacement. Use of an aftermarket charger may cause a battery fault and reduce battery life.
- f. A lithium battery can be fully charged and discharged 300-500 times (cycles). A full charge (0% -> 100%) and discharge (100% -> 0%) is considered one cycle. Discharging the battery 50% and then charging it back up from 50% -> 100% is 0.5 cycle. It is normal for the performance of the battery to reduce with time and charge cycles.

8. Is the battery fixed or can it be removed and replaced?

The battery is removable and replaceable.

9. How to activate the power assist mode?

Set the assist level to 1 or higher, then pedal for at least ½ of a pedal turn to trigger the power assist.

10. What is the difference between a speed sensor and a torque sensor  
A speed sensor measures pedaling speed while a torque sensor measures pedaling power.
11. Is there a brake power cutoff system?  
Yes. When the brake lever is held, the power assist system will be forcibly powered off. When the brake lever is released, the power assist system will resume.
12. What are the gears and shifter for?  
The e-bike is equipped with a 7-speed Shimano cassette and shifter, which lets you adjust the speed and torque during riding to fit the terrain and weather conditions. For instance, a lower gear is more suitable for pushing off and for going uphill, while a higher gear is more suitable for medium and high-speed riding.
13. What kind of maintenance do I need to perform on my e-bike?  
Most of the mechanical parts of an e-bike are the same as a normal bike and require the same maintenance. Contact your local bike shop for parts such as tires and brakes. When performing maintenance, please follow the below recommendations:
- a. In order to prevent brake malfunction, do not lubricate brake discs.
  - b. Do not disassemble the battery or the drive unit
  - c. Do not touch the battery terminals. Terminals can be cleaned with a battery cleaner without the use of water.
  - d. Do not spray any lubricant into the wire ports
14. Can I replace the brakes?  
You can replace the brakes and most replacements on the market are compatible, but the bracket of the calliper must fit. Please contact your local bike shop to confirm and have a professional technician perform the installation.
15. How do I clean my e-bike? Can I wash it?  
Do not wash the e-bike with water. To clean, use a wet towel, keeping it away from the battery terminals.
16. Why does the cassette get rusted? Is there any way to deal with it?  
The cassette is made of steel and may get rusted when it contacts water. It can be cleaned using any store-bought rust remover.
17. What is your warranty policy?  
The SDREAM Ur is covered by a one year limited warranty. During the warranty term, we provide free parts and technical support. Out-of-warranty or non-warranty service is also available for a separate charge.

Questions or comments? Contact us at  
**support@sdream.bike**