

 H Y G G E

**MANUAL**  
**READ BEFORE YOU RIDE**



# CONGRATULATIONS

On becoming the official owner of a Hygge e-bike! We warmly welcome you to the ever-expanding global Hygge family.

We kindly request that you thoroughly read through this manual and follow our instructions before embarking on your first ride with your e-bike; our safety warnings hold particular significance.

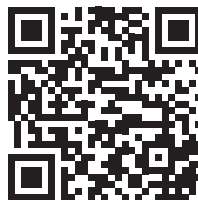
Please utilise the QR code provided below to access your Hygge manual. This manual has been designed to offer you a comprehensive Hygge e-bike experience, conveniently accessible via both mobile and computer devices.

Please scan the QRD code to download the manuals

Kind Regards,

*Lars Hansen*

Copenhagen, Denmark.




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# QUICK START GUIDE

Begin your first ride by following the instructions below. For a more comprehensive understanding, kindly peruse the remainder of the manual.

- Carefully take the bike of out box – preferably by two people to avoid damaging
- Please remove all packaging – Be careful not to damage the bike when using scissors
- For Vester series inflate bike tyres pressure to 25-30 PSI before riding
- For Virum & Aarhus series inflate bike tyres pressure to 45-50 PSI
- The Battery must to be charged for 3-4 hours before first use
- The Battery can be removed or kept on the bike while charging
- The Key must be in the off position while charging, this will help keep the battery healthy and prolong the battery life. (Please do not turn on bike while charging)
- To turn the Bike on, ensure the battery is in the correct position and turned on. Then press and hold the middle  on the LCD
- The bike is now on, there are 5 levels of assist. 1 being lowest (downhill) and 5 being highest (incline)
- To turn the front/rear light on, Press and hold the + button on the LCD



**Always check brakes before using. Practice the e-bike in a safe environment to get used to the modes of assist & brakes. Please always wear a helmet while riding**

# GET TO KNOW YOUR HYGGE

## A. BRAKES



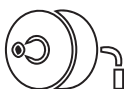
Our electric bikes come with performance hydraulic disc brakes, which are installed on both the front and rear wheels. The disc brake pads make contact with the disc to gradually reduce its rotation. You can control the braking system using the brake levers on the handlebars, with the left lever managing the front brake and the right lever managing the rear brake for EU region (Inverse applies for UK Region)

**ALWAYS ENSURE BRAKE FUNCTIONALITY BEFORE STARTING YOUR RIDE**

The braking system of the e-bike not only brings the bike to a stop but also regulates its speed. The highest braking force of the tyres is achieved when they are "locked" (not rotating) and sliding on the surface. However, if the tyres skid, a substantial portion of the braking force becomes less effective, increasing the risk of losing control of the bike. It is recommended to apply gentle pressure to the brakes, gradually slowing down the bike—a technique referred to as progressive braking. This method helps avoid tire lock-up and skidding, ensuring improved control of the e-bike



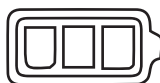
## B. MOTOR



Hygge e-bikes incorporate a 250W hub-based motor seamlessly integrated into the rear wheel, offering support to the rider's pedaling efforts. Users have the convenience of adjusting the motor's power, selecting from a range of riding levels (1 to 5) through the LCD control system. Adhering to EU/UK regulations, the motor can propel the E-bike to a maximum speed of 25 km/h (15.5 mph). To optimise performance, it is advisable to use power assist settings as follows:

- Downhill: Levels 1-2
- Uphill: Levels 4-5
- Flat Terrain: Level 3

## C. BATTERY PACK



**The Aarhus Series** incorporates a frame-integrated battery, which can be removed by unlocking it with the key and extracting it from the frame.

**For the Virum Series**, the battery is integrated into the seat post. To remove it, unlock with the key, and then lift it vertically after unplugging from the bottom

**In the Vester Series**, the removable battery is positioned behind the seat post. Insert the key, turn it to 'Unlock,' and slide the battery upward for easy removal. When reinstalling, make sure the key is in the unlock position

For security, please turn the key to either the on or off position, depending on whether you plan to use the bike



## D. BATTERY CARE



It takes 3 to 4 hours to completely recharge the battery. Please follow the methods below to store battery for longer than two months:

- Take the battery out of the bike
- Ensure the battery and any visible components are not damaged
- Charge the battery before long-term storage
- Place the battery in a secure and dry location. Keep the battery between 5° and 20°C. Prevent battery temperature from fluctuating excessively
- Please refrain from storing battery in direct sunlight or at high temperatures

Charge the batteries every two months for prolonged life

## E. UNPOWERED RIDING



You can also operate our e-bike without using the power-assisted mechanism. When the power assistance is disabled, the bike functions without motorised assistance. This is particularly useful, for instance, when the batteries are fully depleted



## F. GEARS



Our e-bikes are equipped with a Shimano Tourney Derailleur 7 speed with the gear shifter conveniently positioned on the right side of the handlebar. To shift to higher gears (increasing resistance), press the '+' button with your thumb. Conversely, to shift to lower gears (decreasing resistance), push the lever on the shifter. It's important to note that the gear mechanism is operational only when the bike is in motion and should not be operated when the bike is stationary.

## G. TYRE PRESSURE



Users can find the recommended inflation pressure range on the side of the tyre for each series:

- Vester Series: Approximately 25-35 PSI
- Virum Series: Approximately 45-60 PSI
- Aarhus Series: Approximately 45-60 PSI

## H. THROTTLE



Our e-bikes are equipped with a plug-and-play system for attaching a throttle. It's important to be aware that using a throttle in the EU and UK is not allowed, as it categorises your e-bike as a moped, necessitating a driver's license and registration. For detailed information on attaching and using a throttle, please reach out to [support@hyggebikes.com](mailto:support@hyggebikes.com)

# I. FOLDING OF E-BIKE



Vester and Virum series e-bikes fold into a compact package for storage and transit. Folding Hygge e-bike is a simple process. Start by folding away the bike stand, then unclip and slide up the middle frame pin to unlock. Fold the bike from the frame first, using the folding stand for support. Next, fold the handlebars by pressing the button on the lever, then unclip and unfold it to a compact position. This streamlined method makes folding easy, ensuring convenient storage or transportation of your Hygge e-bike. The bottom stand supports the bike's weight alone; avoid sitting or leaning on it to prevent breakage.



**EASY &  
COMPACT**

*Where ever you go,  
HYGGE goes with you!*

## J. PROTECTIVE CLOTHING



- Please use a helmet that meets the most recent EU and UK certification requirement while riding. When riding, the head can sustain the most serious injuries, which may be avoided by wearing a helmet
- Please wear secure footwear with nonslip soles (such as special-shaped rubber soles)
- Wear appropriately fitted clothing to prevent entanglement with the e-bike or roadside objects





# SPECIFICATION:

## Vester Series



36V 13AH  
Removable Battery



Aluminium Frame



27 kg



Logan Hydraulic  
Disc Brakes



25 KM/H



250W  
Hub Motor



Foldable Frame

<b>Wheels</b>	<b>20 Inch Aluminum Fat Tyre</b>
<b>Frame</b>	<b>Aluminum Foldable Frame</b>
<b>Suspension</b>	<b>Front Lockable Suspension</b>
<b>Gears</b>	<b>Shimano Tourney 7 Speed, Free wheel</b>
<b>Brakes</b>	<b>Hydraulic Disc Brakes</b>
<b>LCD Display</b>	<b>IPS HD Colour Display with Bluetooth &amp; Phone app</b>
<b>LED Light</b>	<b>Front and Rear (Star Union LCD operated)</b>
<b>Motor</b>	<b>250W Hub Motor</b>
<b>Controller</b>	<b>250W 36V Sine Wave</b>
<b>Battery</b>	<b>36V 13AH Samsung Cell</b>
<b>Charger</b>	<b>36V 2A</b>
<b>Weight</b>	<b>27 KG</b>
<b>Max Rider Weight</b>	<b>130 KG</b>

# VESTER E-BIKE



# VESTER STEP E-BIKE



# SPECIFICATION:

## Virum Series



36V 10AH  
Removable Battery



Aluminium Frame



18 kg



Logan Hydraulic  
Disc Brakes



25 KM/H



250W  
Hub Motor



Foldable Frame

<b>Wheels</b>	<b>20 Inch Spoke Wheels</b>
<b>Frame</b>	<b>Aluminum Foldable Frame</b>
<b>Suspension</b>	<b>Front Lockable Suspension</b>
<b>Gears</b>	<b>Shimano Tourney 7 Speed Free wheel</b>
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<b>Charger</b>	<b>36V 2A</b>
<b>Weight</b>	<b>18 KG</b>
<b>Max Rider Weight</b>	<b>130 KG</b>



# VIRUM E-BIKE



# VIRUM STEP E-BIKE



# SPECIFICATION:

## Aarhus Series



36V 10.4 AH  
Removable Battery



Aluminium Frame



23 kg



Logan Hydraulic  
Disc Brakes



25 KM/H



250W  
Hub Motor

<b>Wheels</b>	<b>28 Inch Spoke Wheels</b>
<b>Frame</b>	<b>Aluminum Frame</b>
<b>Suspension</b>	<b>Front Lockable Suspension</b>
<b>Gears</b>	<b>Shimano Tourney 7 Speed Free wheel</b>
<b>Brakes</b>	<b>Hydraulic Disc Brakes</b>
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<b>Weight</b>	<b>23 KG</b>
<b>Max Rider Weight</b>	<b>130 KG</b>

# AARHUS

## E-BIKE



# AARHUS STEP

## E-BIKE



# LCD DISPLAY

Experience the cutting-edge design of our LCD interface, which serves as your state-of-the-art control center for operating your Hygge e-bike. With its advanced design and features, , this LCD interface ensures a seamless and intuitive interaction, enhancing your overall riding experience



## BUTTON DEFINATION

**“+” Button** ●  
*Holding it to turn on the lighting*

**ON/OFF Button** ●  
*Function confirmation*

**“-” Button** ●  
*Holding it to activate the push-assistance*

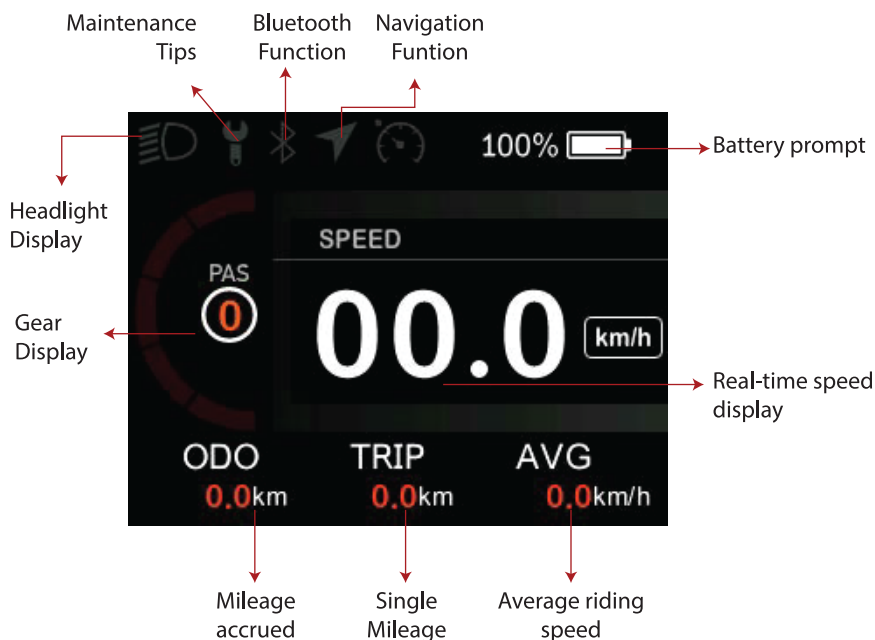
**USB Type C** ●  
*Charging Port*



# LCD DISPLAY



## HYGGE LCD INTERFACE



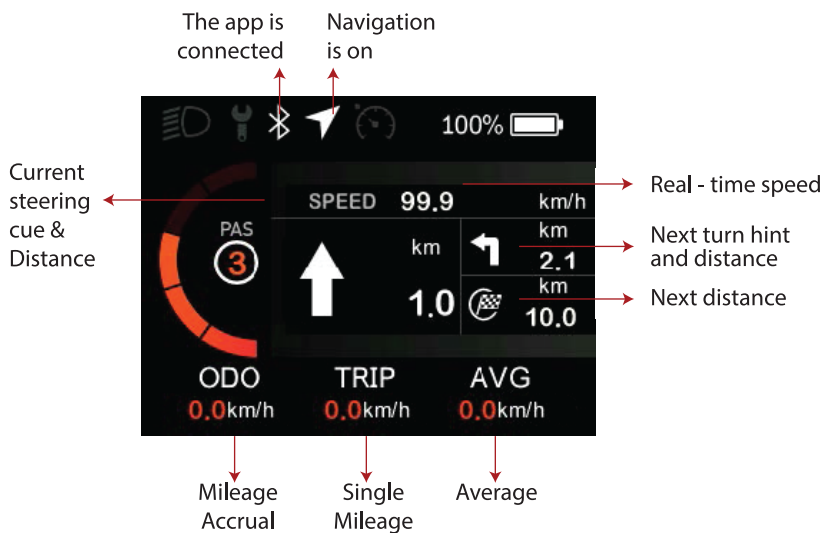
- To Enter LCD Display Default password is 0000
- Headlight display: Headlight on/off display
- Navigation function: Once the mobile app is connected to the display, the navigation icon will light up
- Maintenance Alert : Icon lights up when maintenance required

# LCD DISPLAY

## HYGGE LCD INTERFACE

- Bluetooth: Icon lights up upon successful mobile device connection.
- Battery Level: Displays battery charge level
- Speed Display: Displays e-bike speed in KM or Miles
- Gear display: Displays power assist level from 1-5
- Trip mileage: Total distance travelled for current trip
- Total mileage: Total distance travelled
- Average speed: Shows the average riding speed for current trip

**When the mobile app connects to the display's Bluetooth and enters the navigation interface, selecting the destination triggers the following main interface change**



# LCD DISPLAY

## GENERAL OPERATIONS

### ① Power on/off

A Long-press the "power button" to turn on the LCD. While powered on, another long press on the "power button" initiates a system shutdown. The boot interface, displayed below, requires a password (default: 0000) for access to the main interface



### ② Assist in selection

On the LCD panel, use the "+" or "-" keys to switch power assist adjusting motor power from 0 to 5. The LCD defaults to 0 gear, with no assistance output; 1 gear is the lowest, and 5 gear is the highest power assist

# LCD DISPLAY

## GENERAL OPERATIONS

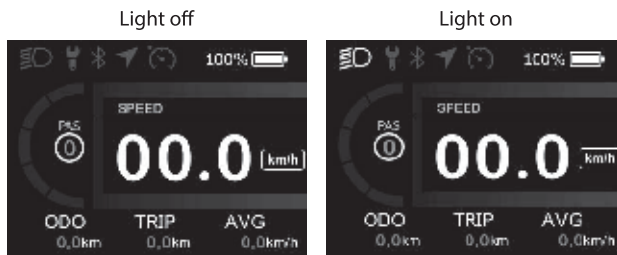
Upon LCD startup, the default gear is 0. Refer to the figure below for the assist gear selection interface



### ③ Frontlight/backlight switch

Light On: Press and hold the "+" key to activate the front/rear light\

Light Off: Press and hold the "+" key to deactivate the front/rear light





# LCD DISPLAY

## GENERAL OPERATIONS

### ④ Walk assist mode

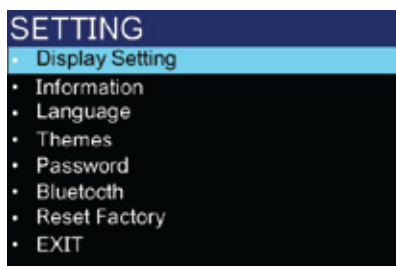
When the e-bike is stationary, long press the "-" button to enter the walk assist mode as shown below:



The walk assist mode is limited to 6km. Release the button "-" to stop the walk assist mode

## ADVANCED SETTINGS

Use the "+" key or "-" to access the settings list, and use the "+" or "-" keys to navigate. Options include "Display Setting," "Information," "Language," "Themes," "Password," "Bluetooth," "Reset Factory," and "Exit." Click the "Power key" to enter and customise preferences



# LCD DISPLAY

## BLUETOOTH CONNECTION

Press the "+" key or "-" at the same time for 3 seconds to enter the setting menu , use the "+" key or "-" key to move the cursor up and down, select the "Bluetooth" option and click the "Power key" to confirm, enter the Bluetooth QR code through the mobile phone BIKEGO app. The app scans the QR code to link the device



**BIKEGO**

Install

Available on Android  
and iPhone

*Install the Bikego app on your  
mobile to link your Hygge  
electric bike*

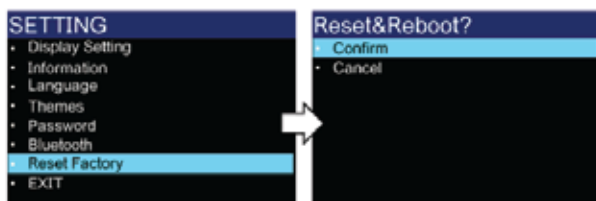


# LCD DISPLAY

## FACTORY RESET

This function restores your bike to default factory settings. Please note this function does not restore your bike's mainframe.

Please contact [support@hyggebikes.com](mailto:support@hyggebikes.com) for further information



# LCD DISPLAY



## LCD ERROR CODES

if your LCD is displaying an error code please refer to the below table for diagnosis. For further assistance please email [support@hyggebikes.com](mailto:support@hyggebikes.com) with the error that you have received

Error code	Description of the fault	Troubleshooting
02	Brake handle failure	Stop Riding and check the brakes
04	Speed sensor error	Check Speed Sensor
05	Speed regulation put failure	Check Speed Sensor
06 42	Battery Voltage Low	Check Battery
07  41  43 44 45 46 47 48	Battery Voltage High	Check Battery
08 09 23 24 26	Motor Sensor Failure	Check Motor
10	Motor Temperature too high	Check Motor
11	Motor Temperature Sensor Faulty	Check Motor
12	Sensor Failure	Check controller
13	High battery temperature	Check battery
14	High controller temperature	Check controller
15	Controller temperature sensor failure	Check controller
16  29 30 27 33 35 36 37	Controller failure	Check controller
17 25	Brake Failure	Stop Riding and check Brakes

# LCD DISPLAY

## Error code comparison table

Error code	Description of the fault	Troubleshooting
21	Motor Speed Sensor Faulty	Check Speed Sensor
22	Display Error	Check LCD
61 62	Transmission error	Check the transmission
81	Bluetooth Connection Error	Check Bluetooth Connectivity
71	Electronic Lock Error	Check the electronic lock



# EU/UK REGULATION

- Hygge Bikes fall within the category of e-bikes with a maximum nominal power output of 250 W in the EU and UK
- They provide assistance solely when the rider is pedaling
- The walking assist function is limited to a maximum speed of 6 km/h
- Assistance is capped at a maximum top speed of 25 km/h / 15.5 mph

Regulations governing transportation vary by location, whether it be country or state. It's essential to acquaint yourself with the specific rules applicable to the area where you plan to ride your Hygge e-bike. These regulations may encompass requirements such as wearing an approved helmet, possessing a valid driver's license, adhering to speed limits, age restrictions, rules for riding (e.g. use/non-use of cycle paths), limitations on bicycle weight and dimensions, and mandatory insurance, among others. In certain cases, legal classification may restrict the use of your Hygge to private property



# WARRANTY



**\*Valid from the date of purchase**

- One year on the motor
- One year on the battery
- Three years on the frame
- One year limited warranty on the electrical components and other parts

# GENERAL TIPS



- It is recommended to take your Hygge for a full tune-up and maintenance check by a bike mechanic on a regular basis, at least once a year
- While our Hygge bikes are rain and splash-proof, their electrical components should not be submerged in water
- When washing your Hygge, use soap and water only, When rinsing with water, use nothing stronger than a normal low pressure garden hose. Be sure to avoid spraying directly into the motor as well as any pivot and connection points or areas where bearings are housed. This includes headset, bottom bracket and hubs. Never use a high pressure water hose under any circumstances
- To prevent corrosion, dry the Hygge and its components after every wet ride
- Under extreme weather conditions please store the battery in room temperature environment

For Warranty Information please visit:  
<https://hyggebikes.com/warranty>

Returns and Refunds information please visit:  
<https://hyggebikes.com/refunds-and-returns>



HYGGE



[www.hyggebikes.com](http://www.hyggebikes.com)