HD-C1 ELECTRIC BIKE USER MANUAL



USER MANUAL



PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE RIDING



Scan QR Code Or Enter URL for Online Installation https://www.youtube.com/watch?v=KrnDVIBG7gw



Read This Manual Before Using

Why Is It Necessary To Read This Manual Before Operating?

- This manual was written to help you understand the proper use and maintenance of the Hidoes line of Electric electric bike
- It is important to understand the functions and features of the new Hidoes before operating it as it will allow you to enjoy it from every ride.



Disclaimer & Warning

During the cycling process, comprehensive safety measures should be taken, and risk awareness and good judgment should be maintained at all times to avoid injuries as much as possible.

- The responsibility for Hidoes maintenance is yours! Proper and frequent maintenance will reduce risks of injuries.
- Please wear a helmet, protective gear, and other safety measures when riding.
- Always follow local laws and regulations.
- Do not perform stunts, spins or jumps; if you insist on doing these dangerous actions, please take full protective measures.

CONTENT

Product & Component Display · · · · · 1~2
Product Parameters · · · · 3
Products & Accessories · · · · 4
Product Installation · · · · 5~10
Product Folding · · · · · 11~12
Power On & Unlock······ 13
Safe Driving Warning · · · · · · 14~15
Battery & Charging · · · · · 16~18
Cleaning&Storage&Disposal at End-of-Life····································
Error Code
Troubleshooting ····· 22~24
Maintenance Schedule
After Sales
Limited Warranty 28
Warranty Card · · · · · 29

Product & Component Display



01:Brake

02:Meter

03:Handle

04:Fixed fastener

05:Riser folding clip

06:Headlights

07:Front fender

08:Front fork

09:Front wheel

10:Disc brake plate

11:Seat fastener

12:Key hole

13:Battery box

14:Seat stool

15:Pedal

16:Backrest

17:Rear wheel seat

18:Tail lights

19:Rear wheel fender

20:Rear wheel brake

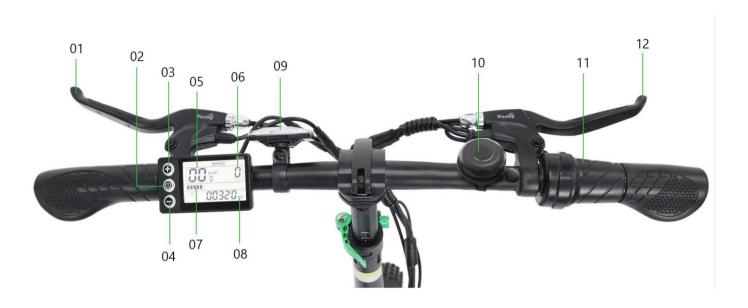
21:Motor

22:Disc brake plate

23:Rear wheel

24:Kickstand

Product & Component Display



01:Brake lever

02:Power on button

03:Acceleration control gear

04:Reduction control gear

05:Speed

06:Gear

07:Battery level

08:Total mileage

09:Reflector

10:Bell

11:Throttle

12:Brake lever

Product Parameters

Model	HD-C1 Tire Size 20 inch(20" x 3.0")		20 inch(20" x 3.0")		
Battery	48V/13Ah	Tyre Type	Off-road Air tires		
Power	750	Charging time	5~7 hours		
Display Screen	Black and white LCD display Frame Material Iron		Iron		
Max Speed	25-40KM/H Net Weight 30KG				
Range	25-35KM	25-35KM Gross Weight 38KG			
Max Load	150KG Package Size 142*24*75CM				
Break	Front and rear disc brake				
Light	Front LED headlights and tail lights				
Adapter	Input 100-240 V~50/60Hz 2.5A, Output 54.6 V 2.0A				
Maximum load and speed may vary depending on the rider's weight, riding style, temperature and terrain.					

Products & Accessories



SERIAL NUMBER	ITEM	QUANTITY
1	Charger	1
2	Pump	1
3	Toolkit	1
4	Instructions	1
5	Lock	1

Product Installation

Remove the electric bike from the packaging box



Erect the riser in the direction shown



3 Lock the riser latch



Loosen the retaining buckle screws on the lifting tube

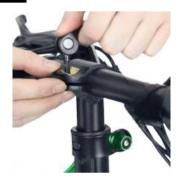
е



Place the handlebar tube in the fixed groove



Cover the retaining clasp and tighten the screw



Lock the retaining buckle



Lift the body and align the front fork with the bearing screws on the front wheels

10



Adjust the riser to a height suitable for your riding



Attach the nut to the bearing and tighten the nut



Lock the retaining buckle on the riser



Install the nut on the other side to the bearing and tighten the nut



Align the front fender with the hole on the front fork



Connect the wiring to the headlights



Place the headlights in the specified hole position



Screw the retaining brackets on both sides of the fender



Use a tool to tighten the screws to secure the front fender and headlight into the middle of the front fork

15



Each pedal comes with an "L" sticker or "R" sticker that identifies it as the left or right pedal



By turning the right pedal clockwise and the left pedal counterclockwise with your hand, Use tools to tighten pedal screws



Insert the seat tube, adjust it to a proper height, and lock the quick release handle in the direction

20



Push the rear seat cushion

backward to separate the rear
seat cushion from the hole to
remove the rear seat cushion



Align the holes in the backrest with the corresponding holes



Tighten the screws on the back seat to secure the backrest



Align the seat cushion hole with the rear seat hole and push the seat cushion forward to lock it



Fasten the two straps under the seat cushion to secure the seat and the straps can also hold other light and small items.



Locate the meter and use the tool to loosen the screws



Remove the screws from the meter







Align instrument interface with handlebar tube

29

Install the screws



Align " \rightarrow " on the meter cable connector to connect the meter cable







31

Adjust the Angle of the instrument, and the instrument is assembled



Insert the key and turn the key to the "ON" position by turning it to the right of the "OFF" position



Hold down the power button for 3-5 seconds







When the instrument display lights up, it is successfully turned on

35

Turn the half handle on the right hand side to start the e-bike



Assembly completed







Product Folding

Pull up the handle at the bottom of the saddle



Pick up the battery handle and take out the battery



2 Turn the seat over



Open the retaining clip on the vertical rod and release the safety lock

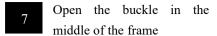


Press the key towards the keyhole and turn the key to the "PUSH" button to remove the battery



6 Folding riserit







Moving the safety lock up is used to release the safety lock



You can fold the body down the middle











Power On & Unlock

Long press to power on/off the display. If you do not use the electric bike for more than 10 minutes, the meter will automatically shut down.

When the display is powered on, it will show the Current Speed (km/h) and Odometer (km) by default. Short press to switch between Odometer (km), Trip Odometer(km), Maximum Speed (km/h), and Average Speed (km/h).

In the startup state, the ebike is in the state of no speed, long press and hold , the ebike enters the walk boost mode. The instrument interface gear is then switched to P mode. Press again to make the turn off boost mode. The electric bike is in operation, long press and hold , enter self-propelled cruise mode. In the automatic cruise state, pinch the brake handle or change the gear, and automatically exit the cruise mode.

The walk boost mode can only be used when pushing the electric bicycle, please do not use it while riding.

Press the to make the controller turn on the lights. Press again to make the controller turn off the lights.

Press ① / ② to switch gears of the electric bicycle, thus changing the motor output power.

After unlocking, please wear a helmet and protective gear before cycling, and ensure that all functions of the electric bike are normal before starting your cycling.

After cycling, please press and hold the power button on the instrument panel to turn off the power.

Safe Driving Warning

Certain countries of regions require safety devices or gear. It is your responsibility to know the state laws and follow them. However, we strongly recommend safety gear to be donned before operating the device.

TIRE AIR PRESSURE: THE TIRE IS PRESSURIZED TO THE STANDARD VALUE ON THE TIRE

SAFETY GEAR

Helmet: Most common and serious injuries from riding are head injuries. This can be prevented by donning a helmet. You must wear a helmet when riding the Hidoes electric bike. The helmet must be warn according to their instruction. Wear a good. properly fitted helmet and other protective gear to reduce the severity of injuries in the event of an accident.

Lower your risk of getting critical head injuries by 85% with a helmet.

Lower your risk of getting elbow injuries by 82% with elbow pads.

Lower your risk of getting knee injuries by 32% with knee pod5.

SAFETY FIRST

If you are uncertain about any part of his manual, please bring your Hidoes and this manual to a local bike shop for professional inspection, assembly and instructions.

To keep yourself safe and to prolong the lifespan of your Hidoes, it is extremely important that you follow the safety guidelines in this manual.

Before you ride your Hidoes for the first time, be 100% sure that it has been assembled correctly. The step-By-step instructions for the assembly are included in this manual. If you are unsure about the assembled product, please bring it to your nearest bike shop.

Make sure that the following parts are installed correctly and tightened securely: pedals, saddle height, handlebar (both rotation and height) and wheels.

Ensure that all safety latches, including quick releases and rings, are locked firmly in place.

Ensure all screws and bolts (including those in the front/rear wheels, saddle and brake rotors) are tightened properly. There may be specific instructions given when it comes to securing certain parts of the bike, e.g., you may have to use a torque wrench for safety reasons. Check your brakes before every ride. Exercise extra caution when riding in wet or icy conditions.

The tyres must always be in flated to the correct pressure (as speci fied on the tyre sidewall) before every ride. Riding the bicycle with either too low or too high pressures will affect bicycle performance, may affect effective electrical assistance range, and may render the bicycle as dangerous. Use an accurate pressure gauge when checking pressures.

Please observe all traffic regulations and other applicable laws, including any laws on lighting.

Do not drink and ride. Alcohol, in any amount, can impair your judgment and increase your risk of getting into an accident., Riding at night or in bad weather can be dangerous.

Do not lend your Hidoes to someone who is unfamiliar with operating the bike. If you do choose to lend your Hidoes to anyone, make sure that they read and understand the instructions in this manual.

WHEN WAITING AT THE TRAFFIC JUNCTION, ADJUST THE SPEED MODE TO 0 OR HOLD THE BRAKE SO THAT YOU DO NOT START THE E-BIKE IYOU STEP ON THE PEDAL ACCIDENTALLY.

Do not perform any kind of maintenance while the E-Bike is turned on or charging.

Before each ride, check whether the quick-release screws are loose and whether the brakes are working. Check the handlebars and screws once a week and charge the bike at least once every three months.

Check the tires and wheels and that it is not showing signs of wear and tear.

Battery & Charging

BATTERY

- Do not charge indoors.
- Do not turn on and operate the electric bike while charging.
- Keep the battery away from children, pets or direct heat.
- Do not expose the battery to high temperature and pressure.
- Please use the charger included with the electric bike for charging.
- Please do not throw away batteries at will to avoid polluting the environment.
- Do not store the electric bike over a long period of time with an almost empty battery.
- From time to time, discharge the battery by riding. Have the battery recharge again and make sure to not leave battery fully empty.

Do not charge if the electric bike has the following conditions occur:

- The battery leaks.
- The battery is damaged.
- The battery heats up or is deformed.
- The bottom or overall of the deck overheats.

The use, storage or charging of the battery outside specified limits may result in the annulment of the warranty, battery damage and an effective battery charging.

Battery & Charging

First Charge

It is important to fully charge the battery before your first use of the electric bike.

Your electric bike's battery comes with these built-in features:

- 1. Balanced charging protection: During charging, the battery automatically balances the voltage among the internal cells to protect each cell.
- 2. Over-charging protection: The battery stops charging automatically when full to protect against damage.
- 3. Over current protection: The battery automatically stops charging if the voltage is higher than prescribed voltage to protect the battery.
- 4. Over discharging protection: The battery automatically stops discharging when its voltage drops below Under voltage value to protect the battery.
- 5. Short-circuit protection: the battery automatically stops output in the case of a short-circuit.

How to charge

1. Do not charge indoors.

- 2. Ensure that electric bike is **TURNED OFF**. Connect external power charger to electric bike.
- 3. Connect charger to electrical outlet, then turn on the power of electrical outlet.
- 4. Do not charge the batteries in temperatures below 41F/5°C or above 104F/40°C. The battery may stop the charging process.
- 5. The charger lights up RED- The battery is charging. The charger lights up GREEN The battery is fully charged.
- 6. After the battery is fully charged, please unplug the charger in time.

Battery Maintenance

Do not store the battery in a location that exceeds the temperature range of 20 °C -25 °C /68F-77F. Do not pierce the battery. Refer to local laws and regulations on battery recycling and/or disposal.

If maintained properly, a battery can continue to perform at optimal levels well even powering your bike for many miles. Charge the battery after each ride to prevent the battery from draining completely. To ensure optimal performance and prolonged battery life, use the battery at room temperature(70F /22°C). Using the battery at temperatures below 41F/5°C will shorten battery life and affect performance. Expect battery life and performance at -4F/-20C to be half of that at 70F/22C and to improve when the temperature rises.

NOTE:

Generally, a fully charged battery can last for 90 days in standby mode while a low-power battery can last for 30-60 days in standby mode. Remember to charge the battery after each use. Draining the battery may damage it. The electronic components inside the battery log the battery's charges and discharges. Damage caused by over-discharge or under-discharge is not covered by the limited warranty.

ATTENTION:

Do not attempt to disassemble the battery as it poses a fire hazard.

Do not ride the bike if the ambient temperature exceeds the operating temperature (see Specifications). Excessively low/high temperatures will curtail the bike's maximum power/torque, potentially leading to slips or falls and resulting in injury or property damage.

Cleaning&Storage&Disposal at End-of-Life

Cleaning

Clean your E-Bike properly to prolong its lifespan and enjoy a smooth riding experience.

Before cleaning the bike, make sure that the power is turned off and the charging cable is unplugged. Otherwise, you may damage the electronic components. Wipe the E-Bike with a soft, dry microfiber cloth.

Check the wheels for debris. The E-Bike is designed for easy wheel maintenance.

The E-Bike is IPX4 water resistant, which means it is splash-proof. However, do not submerge the E-Bike in water..

Do not let water or any other liquids get into the E-Bike's electrical parts or battery.

NOTE:

Do not use alcohol, gasoline, acetone, or other corrosive/volatile solvents to clean the bicycle. These substances may damage the bike's exterior and internal components.

Storage

Here are some tips on how to store your Hidoes E-Bike.

Before storing the bike, charge the battery fully to prevent over-discharge due to lack of use.

Even if you have not been using your E-Bike for more than one month, you should discharge and charge the battery at east once a month.

Cover the E-Bike to keep dust out, Do not store your bike in a dusty environment as this may damage the bike over time.

NOTE:

Store your bicycle in a cool and dry place. Do not keep it outdoors for a prolonged period. Exposure to sunlight and extreme temperatures (hot or cold) will speed up the wear and tear of plastic parts and may reduce battery life.

Disposal at End-of-Life

This product must not be disposed of by incineration, landfilling, or alongside household waste. Improper disposal of the battery may lead to overheating, a fire or an explosion and result in serious injury.

The chemicals inside the battery are chemical pollutants. We recommend that all Hidoes products be disposed of as a whole or through an e-waste recycling center, program, or facility.

Local regulations and laws about the recycling and disposal of lithium-ion batteries and/or products containing them vary according to country, state, and region. Check your local laws and regulations on the proper way to dispose of the battery and/or bike. It is the user's responsibility to dispose of their property in accordance with local regulations and laws.

For additional information about where you should drop off your batteries and electrical or electronic waste, please contact the relevant local or regional authorities or waste disposal services.

Error Code

Error Code	Fault	Diagnostic Step	Solution
E06	Battery undervoltage	1.Under-charged battery.	1.Charge battery Follow battery care procedures.
E00	Battery undervoltage	2.Motor internal fault.	2.Replace.
E07	Motor Hall failure	Check whether the motor wires are connected properly or whether the colored wires are connected incorrectly.	If there is no problem with each circuit, the motor needs to be replaced.
E08	Accelerator failure	Check if the accelerator is reset.	After the accelerator is reset, if the handlebar signal is still less than 0.75V, the accelerator needs to be replaced.
E09	Controller failure	Controller failure	Replace controller
E10	Communication fail	The instrument cannot receive the signal from the controller. Check whether the green line of the controller is connected properly.	Replace Instrument
E11	Communication failure	The controller cannot receive the instrument signal. Check whether the yellow line of the controller is connected properly.	Replace meter

Troubleshooting

Malfunction	Possible Cause	Possible Solution
	1.Under-charged battery.	1.Charge battery. Follow battery care procedures.
Pedal assistance not working	2.Battery no longer serviceable.	2.Have battery checked. Replace if faulty.
C	3.Battery charger faulty.	3.Have charger checked. Replace if faulty.
	4.Motor electrics or switches damaged / faulty.	4.Seek diagnosis and repair from authorised service centre.
	1.Under-charged battery.	1.Charge battery. Follow battery care procedures.
	2.Battery no longer serviceable.	2.Have battery checked. Replace if faulty.
Reduced range and/or speed	3.Low tyre pressure.	3.Inflate to recommended pressure.
	4.Brakes dragging.	4.Adjust.
	5.Terrain, headwind, etc.	5.Normal.
Gear change (where applicable)	1.Derailleur cables sticking / stretched / damaged.	1.Lubricate / adjust / replace cables.
rough / not changing	2.Derailleurs / shifter not correctly set.	2.Adjust.
	1.Worn sprockets.	1.Replace.
	2.Stretched chain.	2.Replace.
Chain slip / jumping off sprockets	3.Front sprocket loose / out of true.	3.Re-true / tighten.
	4.Sprocket teeth bent / broken.	4.Replace.
	5.Derailleur / shifter not correctly adjusted.	5.Adjust.
	1.Stiff chain link.	1.Lubricate chain.
	2.Loose pedals / bearings.	2.Tighten / adjust bearings.
Clicking noises when pedalling	3.Loose bottom bracket / bearings.	3.Tighten / adjust bearings.
	4.Bent bottom bracket or pedal bolt.	4.Replace.
	5.Loose pedal arm bolts.	5.Tighten.

Malfunction	Possible Cause	Possible Solution
	1.Pedal bearings too tight.	1.Adjust.
	2.Bottom bracket bearings too tight.	2.Adjust.
Grinding noise when pedalling	3.Rear wheel not straight.	3.Align so chain is straight.
	4.Chain too tight.	4.Adjust.
	5.Derailleur dirty.	5.Clean and lubricate.
	1.Pads worn.	1.Replace.
	2.Pads / discs dirty.	2.Clean and degrease.
Brakes not effective	3.Brake cables binding / stretched /damaged.	3.Lubricate / adjust / replace cables.
	4.Brakes levers binding.	4.Clean pivots.
	5.Brakes require adjustment.	5.Adjust.
	1.Pads / discs dirty.	1.Clean and degrease.
Brakes squeal	2.Brakes not centred.	2.Centre brakes and adjust.
	Calliper fasteners loose.	Tighten.
	1.Brake mounting bolts loose.	1.Tighten.
Brakes chatter / vibrate	2.Brakes out of adjustment.	2.Centre brakes and adjust.
	3.Steering head bearings loose.	3.Adjust bearings.
	1.Axle bent or broken.	1.Replace.
	2. Wheel out of true.	2.True wheel.
Wheel vibration / wobble	3. Wheel hub bearings loose / not serviceable.	3.Adjust / replace.
	4.Quick-release (if equipped) mechanism loose.	4.Adjust.
	1.Wheels not aligned to frame.	1.Align wheels.
Steering not accurate	2.Steering head loose / binding.	2.Adjust.
	3.Front forks or frame bent.	3.Straighten.

Malfunction	Possible Cause	Possible Solution
Motor "clicks" / has reduced	1.Under-charged battery.	1.Charge battery. Follow battery care procedures.
power and / or shuts off	2.Motor internal fault.	2.Replace.
	1.Blown fuse.	1.Replace.
No power when pedal assistance	2.Loose connectors / wiring damage.	2.Check connectors / wiring. Replace as required.
switched ON	3.Faulty switch.	3.Replace.
	4.Faulty controller.	4.Replace.
Pedal assistance OK, but no	1.Loose connectors / wiring damage.	1.Check connectors / wiring. Replace as required.
display	2.Faulty controller.	2.Replace.
Display OK, but no pedal	1.Loose motor connectors / wiring damage.	1.Check connectors / wiring. Replace as required.
assistance	2.Poor contact at battery terminals.	2.Inspect and clean terminals.
	3.Faulty braking sensor.	3.Replace.
Bicycle runs at full speed without	1.Faulty crank sensor.	1.Replace.
pedalling	2.Faulty throttle.	2.Replace.
	3.Faulty controller.	3.Replace.
Throttle (if equipped) not	1.Grip jamming against throttle.	1.Reposition grip so gap to throttle is 1 to 2mm.
returning to neutral position	2.Faulty throttle.	2.Replace.
Pedal assistance operating	1.Loose connectors / wiring damage.	1.Check connectors / wiring. Replace as required.
intermittently	2.Faulty controller.	2.Replace.
or not as expected	3.Faulty crank sensor.	
	4.Faulty throttle.	
Charger shows "full charge" in an	1.Faulty charger.	1.Replace.
unusually short amount of time	2.Faulty batteries.	2.Replace.

Maintenance Schedule

Component / Condition	Check Before Every Ride	*Check Periodically	Clean / Lubricate	Adjust / Tighten / Replace as Required
Tyre Pressure				•
Tyre Wear / Damage				•
Brake Adjustment				•
Handlebar Tightness				•
Controls and Display				
Seat Post Tightness				•
Fasteners / Mounting Hardware				•
Brake Pads / Shoes				•
Brake Cable Wear				•
Chain				•
Reflectors				
Battery / Charger				
Steering Head Bearings				—

Derailleur		•	
Wheel Spoke Tension			
Wheel Trueness			
Wheel Bearings			
Bottom Bracket (Crank) Bearings			

^{*} Every 5 to 10 rides depending on ride length and conditions.

After Sales

Dear customer,

Thank you for choosing our product! To ensure that you can install and use our product smoothly, we strongly recommend that you visit our official website to view the related video installation tutorials and after-sales parts replacement videos.

On our official website, you can find detailed video tutorials that guide you on how to correctly install and use our product. In addition, we also provide after-sales parts replacement videos to ensure that you can correctly perform the replacement when needed.

We hope these videos will help you better understand and use our product. If you still have questions or concerns after watching the videos, please feel free to contact our customer service team, and we will be happy to assist you.

Thank you again for your purchase and support!

Wishing you a pleasant user experience!







https://www.Hidoes.com

https://www.facebook.com/HidoesBike/

https://www.youtube.com/@Hidoes

Limited Warranty

BY USING THIS PRODUCT YOU AGREE TO THIS LIMITED WARRANTY. PLEASE READ THIS LIMITED WARRANTY CAREFULLY.

To benefit from the limited warranty, the customer is advised to read Hidoes Warranty terms together with the "care and maintenance" sections provided in the user manual. This limited warranty applies to the extent permitted by law and unless restricted or prohibited by law.

Attentions for warranty Faults caused by any of following causes are not within the scope of warranty:

- 1. Failed to maintain according to this user manual.
- 2. Product damage or defects caused by improper driver operation.
- 3. Damage caused by misuse, traffic accident or accidental collision.
- 4. Damage caused by riding on abnormal roads or accidental collision.
- 5. Damage of the vehicle caused by natural disaster or irresistible force.
- 6. Products which have had their serial numbers removed or tampered with.
- 7. Defects or malfunctions of the product not notified by customer during the Warranty Period.
- 8. Products used for commercial purposes including but not limited to leasing/hiring, use in competitions etc.
- 9. Performing high-risk actions such as stunts, spinning, or jumping lead to rapid aging or malfunction of the product.
- 10. Expose this product under blazing sun or outdoor for along time, as that will speed up the aging process of the product and cause malfunction.
- 11. Defects or damages from improper storage, exposure to moisture or dampness, modifications, connections, repairs (except as carried out by Hidoes or its authorised centres), misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of Hidoes, including damage caused by dropping, blown fuses, liquid entering the interior of the product.

PLEASE ALWAYS KEEP THE BOX FOR ANY POSSIBLE FUTURE AFTER-SALES SHIPMENT

Warranty Card				
Dear user, Thanks for using our electric electric bike. Please fill in the form below clearly for sake of better after-sale services.				
	Name	Workplace		
User	Tel			
	Add			
Date of Purchase		Serial number		
Model		VIN		
Invoice Number		Battery serial number		
Distributor	Name			
Distributor	Contact			
Note				

Shenzhen Tianshengle Technology Co., Ltd.

Address: Room 502,5th Floor, Building 1, Liuwei Business Center, No.5, Longjing Community, Yangmei Community, Bantian Street, Longgang District, Shenzhen, China

WhatsApp: +8613612953725

Customer support: support@hidoes.com

Official website: www.Hidoes.com



Hidaas