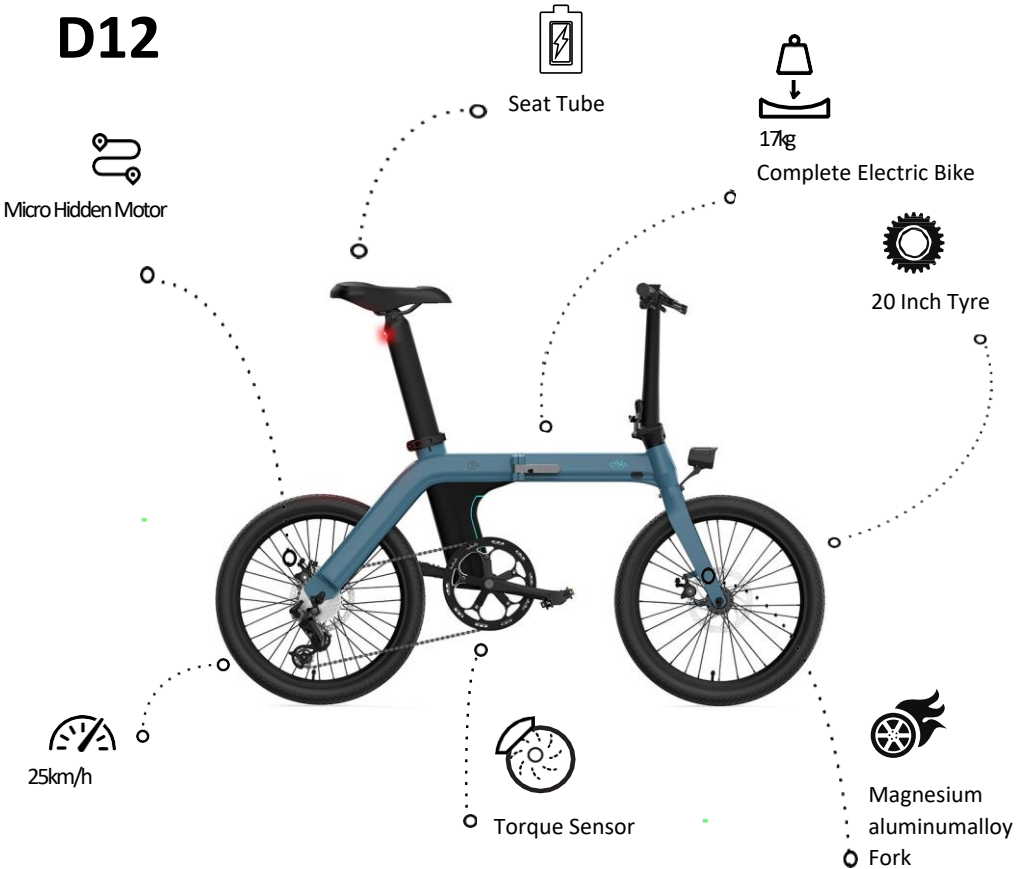


D12



Size.....148cm*57cm*110cm
 Folding Size.....84cm*40cm*59cm
 Pedal-assisted mode range:.....100km
 Input Voltage.....100 ~ 240V

Chain Wheel.....52T
 Motor.....250W
 Tyre.....CST
 Brakes.....Mechanical Disc Brake



Micro Hidden Motor



Rear light



Adjustable Seat



Battery Capacity	36V 11.6Ah
Sensor Type	Torque Sensor
Max. Speed	25km/h
Gear System	Shimano 7-speed
Motor	Brushless Geared 250W
Range	100KM
Frame Material	Aluminum Alloy
Brake Type	Disc Brake
Input Voltage	100 ~ 240V
Chainwheel	52T
Tire	CST
Tire Size	20*1.75inch
N.W. (KG)	17KG
Folded Size	84*40*59cm
Size	148*57*110cm

FAQs -Fiido D12

Q: What is a Fiido D12 e-bike?

A: Fiido D12 is a bicycle with an electric motor offering power assistance to a rider in propelling the bike forwards. It means you can ride with adding measured powered assistance as you pedal the bike.

Q: Is Fiido D12 same as electric-powered motorcycles?

A: No, electric-powered motorcycles use a throttle to engage the power. Fiido D12 are pedal-assist. This means you must pedal to get motor to assist you.

Q: How heavy is Fiido D12?

A: 17kg

Q: What is the largest load of Fiido D12?

A: 120kg

Q: How long does it take to charge an Fiido D12?

A: Approx 5 to 8 hours

Q: How far can Fiido D12 go on full battery? *under good road condition and good weather condition?

A: Up to 100km

Q: How fast can Fiido D12 go? *under good road condition and good weather condition?

A: Up to 25km/hr

Q: What is the motor power output for Fiido D12?

A: 250W

Q: How is Fiido d12 powered?

A: Fiido D12 is powered by a Lithium-ion battery system.

Q: Does pedalling charge the battery?

A: No

Q: How is the ride? What is the benefit of Fiido D12?

A: D12 uses torque sensor, which has a better riding experience than speed sensor. It really enlarges your pedaling power, making climbing easier. You can easily explore more and places further away.

Q: Do I have to pedal to get assistance on my electric bike?

A: Yes, you must pedal to get the motor to assist you, or the speed will be less than 6km/h in pure electric mode.

Q: Can the e-bike go faster than the motor supports?

A: Yes, it can go as fast as you can pedal, the motor will stop increasing speed after reaching its max speed of 25km/hr.

Q: Can I ride with a flat battery?

A: Yes, you can still ride your E-bike like other regular bikes when there is no battery.

Q: Does Fiido D12 require any special maintenance?

A: Caring for an e-bike is similar to a regular bike. You need to keep the tyres inflated and the chain lubricated and check your bike regularly to change the worn-out parts.

Q: How do I store the Fiido D12?

A: Lithium ion batteries should be stored at 10 to 25 degrees Celsius; battery life depletion may occur if left outside for prolonged times. We recommend storing them indoors away from direct sunlight, water, and heat.

Q: Can I ride Fiido D12 under any weather or road conditions?

A: Unlike a regular bike, an e-bike is more sensitive to water damage. You should ride your e-bike under good weather conditions and smooth, even ground. You should not ride it during bad weather where excess water is expected.

Q: How many times can the D12 battery be recycled?

A: 1000 times.

Q: What makes the D12 so light?

A: Fiido makes it lighter through its minimalist design, ultra light micro torque motor and magnesium alloy material.

Q: What's special about the D12?

A: The Fiido D12 features a patented modeling design and unique seat tube battery patent technology.

Product Overview



Minimal Folding Design



Up to 100km Range



120kg Peak Load



25km/h Max Speed



3 Electric Riding Modes



Front + Rear LED Lights



LED Display



Concealed + Removeable Battery

Power Assist Mileage (reference)	100km
Electric Bike System.....	FIIS Riding System
Top Speed.....	25km/h
Size (unfolded)	148cm*57cm*110cm
Folding Size	84cm*40cm*59cm
Weight	17.5kg
Frame Material	Aviation grade aluminum alloy

Tyre	CST 20*1.75 inch spoke tyre
Drive Type.....	brushless gear motor rear drive
Variable Speed Mode.....	Shimano 7-speed gears
	3 levels adjustable in moped mode
Braking System.....	front and rear disc brakes
Battery.....	concealed, removeable 36V 11.6Ah lithium battery

Product Specifications

Name	Specification
Electric Bike System	FIIDO System
Electric Motorcycle	Support
Power Assist System	Support
Max Load weight	120kg
Maximum Speed	25km/h
Maximum Range	Power assisted model up to 80-100KM
Battery	High quality lion battery 36V 11.6Ah
Battery adaptation	DC 42V 2A
Recharge Time	7 hours
Display	LCD Display
Drive Type	Rear Drive
Frame Material	Aluminum Alloy
Front Brake	Mechanical Disc Brakes
Brake Type	Mechanical Disc Brakes
Chainset	Prowheel Steel 52 Tooth
Gears	Shimano 7-speed gear
Chain	KMC Z7
Rear Brake	Mechanical Disc Brakes
Rear Hub/Rated Power	XiongDa Motor/250W
Rims	Alloy
Wheel Size	20"
Tyre Size	20" × 1.75 inch
Tyres	Cheng Shin Tire
Net Weight	17.5kg(with battery)
Unfold size	148cm × 57cm × 110m
Folding size	80cm x 74cm x 40cm

Product FAQ's / Troubleshooting

Brake abnormal sound or wheel rotation resistance	1.Check whether the end of the brake cable is stuck.
	2.Slight friction can be adjusted by fine-tuning the end of the line
	3.Adjust the brakes to ensure that the brake pad and brake disc clearance is balanced
	4.If the brake pads are worn, replace brake pads.
Seat tube slide down	1.The set screw of the seat tube clamp is not tightened. Adjust the set screw.
	2.Check whether the anti-skid bushing inside the seat tube clamp is damaged ,if it's broken, replace the anti-skid bushing.
Difficulty in folding bicycle	1.Check whether the spring at the folding joint is out of shape, or the spring is pulled out without return, if the spring is damaged ,it needs to be replaced.
	2.Dry folding joints cause folding difficulties, can use lubricating oil to lubricate the joints.
Handlebars are not straight	1.Looseen the standpipe fixing screw, readjust the handlebar, and then tighten the standpipe fixing screw.
Saddle loose (slide up and down)	1.Check whether the saddle fixing screw is tightened. Retighten the saddle bottom fixing screw with the hex tool
	2.The loose fixing screw of the saddle slides up and down, resulting in the sliding teeth of the rack of the seat tube clamp code.It need to replace the seat tube clamp code.
Chain often falls off	1.Check whether the chainset is deformed and if the chainset is deformed ,it need to replace the chainset
	2.Check whether the rear derailleur is loose,relcock the rear derailleur and then lock the screw.
Fault code	
E001	Controller fault
E002	Display communication fault
E003	Motor hall fault
E004	Handlebar fault
E005	Motor fault
E006	Motor phase fault

* When the battery is used up, it should be fully charged in time. The green light on the charger indicates full charge.Long-term underpowered storage will affect the performance of the battery.

* When cross the pool, water section, please pay attention to the wading height is not higher than the hub, prevent motor damage due to water inflow.Do not use high pressure water gun to clean, so as not to damage the electronic components and wiring due to humidity.

* Add some lubricating oil to the chain and flywheel of the bike to avoid wading and rusting

* It is best to charge the battery in an ventilated, dry place.Direct sunlight or rain can have a bad effect on the performance of batteries and chargers.When charging,

the battery and charger should be away from other sources of heat.

* Connect the battery before charging, and then plug it into the electric supply .After charging, pull out the electricity first, and then pull out the battery end.If do not follow the steps, it will cause a fire when connecting the battery end.

Product Warranty

DOA:

Complete replacement

12 Month Warranty*:

All returns accepted excluding items that have received physical damage by the owner/end-user

Warranty does not apply to any:

- a) Damage caused by nature or acts of God, for example, lightning strikes, tornadoes and the like;
- b) Negligent or incorrect use of the Product;
- c) Commercial use of the Product;
- d) Modifications to any part of the Product;
- e) Damage caused by use with non Fiido products;
- f) Damage caused by negligence, accident, abuse, misuse, flood, fire, earthquake or other external causes;
- g) Damage caused by operating the Product outside the permitted or intended uses described by the manufacturer's instructions provided by Fiido or with improper voltage or power supply;
- h) Damage caused by servicing of the product (including upgrades and expansions) performed by anyone who is not a representative of Panmi;
- i) Damage caused by natural wear and tear.

