

DAXYS

LYNX
Electric City Bike



USER MANUAL v1.1



LYNX USER MANUAL

Please read this manual very carefully before using the product. The manual contains important instructions for the safe use and longevity of your bike.

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RIDING INTRODUCTION

Do not use the product before carefully reading the instructions and understanding the performance of the product; Before cycling, check whether the brakes work. When braking, please brake rear first and then front. Pay attention to the brake tightness. If the brake is too loose, use an Allen wrench to tighten it. Pay attention to increase the braking distance when riding in rain and snow. Applicable age: 16 ~ 65 years old. Please wear safety helmets and obey the traffic rules when cycling. It is not allowed to drive in motor lanes and roads with more pedestrians. Please check the tyre pressure before cycling. The recommended tyre pressure is 32- 40(max) PSI. When using the motor, pay attention not to hit it vigorously and keep the rotating shaft lubricated. The maximum load is 100kg.

SAFETY INFORMATION:

ALWAYS WEAR A HELMET AND SAFETY EQUIPMENT

Helmets significantly reduce the number and severity of head injuries. Always wear a helmet that complies with your state laws when riding your eBike. Make yourself more visible by wearing bright reflective clothing. Keep your reflectors clean and properly aligned. Use head and tail lights in reduced lighting conditions. Wear sturdy shoes and eye protection. Also check your state laws concerning other protective gear that may be required when riding your eBike.

KNOW YOUR EBIKE

Your new eBike incorporates many features and functions that you may be unfamiliar with. Read this manual thoroughly to understand how those features enhance your riding pleasure and safety.

RIDE WITHIN YOUR LIMITS

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Not to be used by children without adult supervision.

Take it slow until you are familiar with the riding conditions, as traction can be greatly reduced and brakes become less effective. Never ride faster than conditions warrant or beyond your riding abilities. Remember that fatigue, and inattention can significantly reduce your ability to make good judgments and ride safely.

KEEP YOUR EBIKE IN SAFE CONDITIONS

For your safety and enjoyment, and to ensure a long life for your eBike, inspect and maintain your eBike regularly. Follow the inspection and maintenance guidelines throughout this manual. Check critical safety equipment before each and every ride.

STATEMENT OF RESPONSIBILITY:

After riding, please store in a place without direct sunlight and away from rain; Check the motor and brakes frequently; Regularly check the screws of the eBike and the places to be tightened, and tighten them regularly. The front and rear wheels of the vehicle shall be located at the center of the front fork or frame; Frequently check whether there are scars, cracks or excessive wear in the rotation. The inner tube and air nozzle should be perpendicular to the wheel hub and should not be tilted. Damage or excessive worn outer tyres needs to be replaced immediately. Please find a professional technician to replace your outer tyre. If your outer tyre accidentally punctures and leaks, please contact a professional technician to repair or replace it.

PRODUCT DISCLAIMER:

The contents of the user manual shall not be copied, modified, reproduced, transmitted or published in any form without the prior written permission of the company.

Please read this manual carefully before using the product and operate in accordance with it, otherwise, the company will not be responsible for product damage or personal and property losses caused by improper and wrong use. The company reserves the right to modify and finally interpret the product models, specifications or relevant information mentioned in this manual; The functions of the specific model mentioned in this manual are only applicable to the specific model; The product models, specifications or relevant information mentioned in this manual are subject to any modification or change without notice; Please read this manual carefully before using the product and operate in accordance with it. Otherwise, the company will not be responsible for product damage or personal and property losses caused by improper and wrong use.

BEFORE YOU RIDE

Perform Regular checks and maintenance as outlined below

COMPONENT OR CONDITION	INSPECT BEFORE EVERY RIDE	INSPECT PERIODICALLY	CLEAND AND/OR LUBRICATE	ADJUST / TIGHTEN	REPAIR / REPLACE (IF NECESSARY)
Tyre presure	✓			✓	
Tyre wear/damage	✓			✓	
Brake pad adjustment	✓			✓	
Wheel quick release adjustment	✓				✓
Head and tail lights	✓				✓
Controls and displays	✓				
Seat post quick release adjustment	✓			✓	
Brake pad wear		✓			✓
Brake cable tension wear		✓		✓	✓
Spoke tension		✓		✓	
Wheel true / Alignment		✓		✓	
Hub bearings		✓	✓	✓	
Chain lubrication		✓	✓		
Derailleur adjustment		✓	✓	✓	
Reflectors		✓			✓
Battery and charger		✓			✓
All bolts, nuts & mounting hardware		✓		✓	✓

BATTERY DISPOSAL



According to directive **AS/NZS 5139:2019** (*Safety of battery systems for use with power conversion equipment*) and **AS IEC 62619:2017** (*Secondary cells and batteries containing alkaline or other non-acid electrolytes*), defective or used batteries, battery packs or single cells must be collected separately and disposed of in an environmentally friendly manner.

Used cells and batteries are recyclable economic goods. In accordance with the marking showing a crossed-out waste bin, these batteries may not be disposed of as domestic waste.

NOTICE:

- Used batteries must be treated as hazardous waste.
- Batteries must be disposed of in accordance with the relevant national environmental protection regulations.
- Return batteries to a recycling facility, or an authorised Daxys dealer.
- In case of uncertainty contact Daxys customer service department.

MEET YOUR BIKE:



1. Stem

2. Controller

3. Brake lever

4. Handle

5. Handlebar

6. Controller and breaks cables

7. Headlights

8. Front fork

9. Tyres

10. Front wheel mudguard

11. Brake Disc

12. Brake Caliper

13. Wheel Rim

14. Pedal

15. Crankset

16. Battery

17. Seat adjustment quick release

18. Chain

19. Gear cassette

20. Drive motor

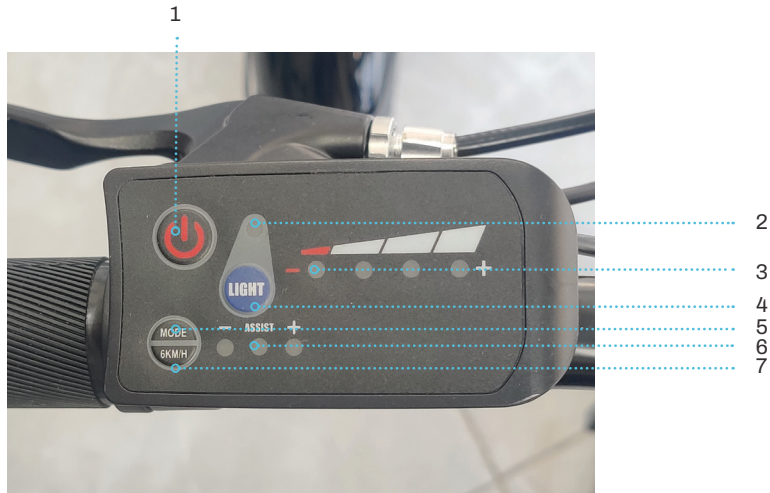
21. Rear wheel mudguard

22. Tail light

23. Seat tube

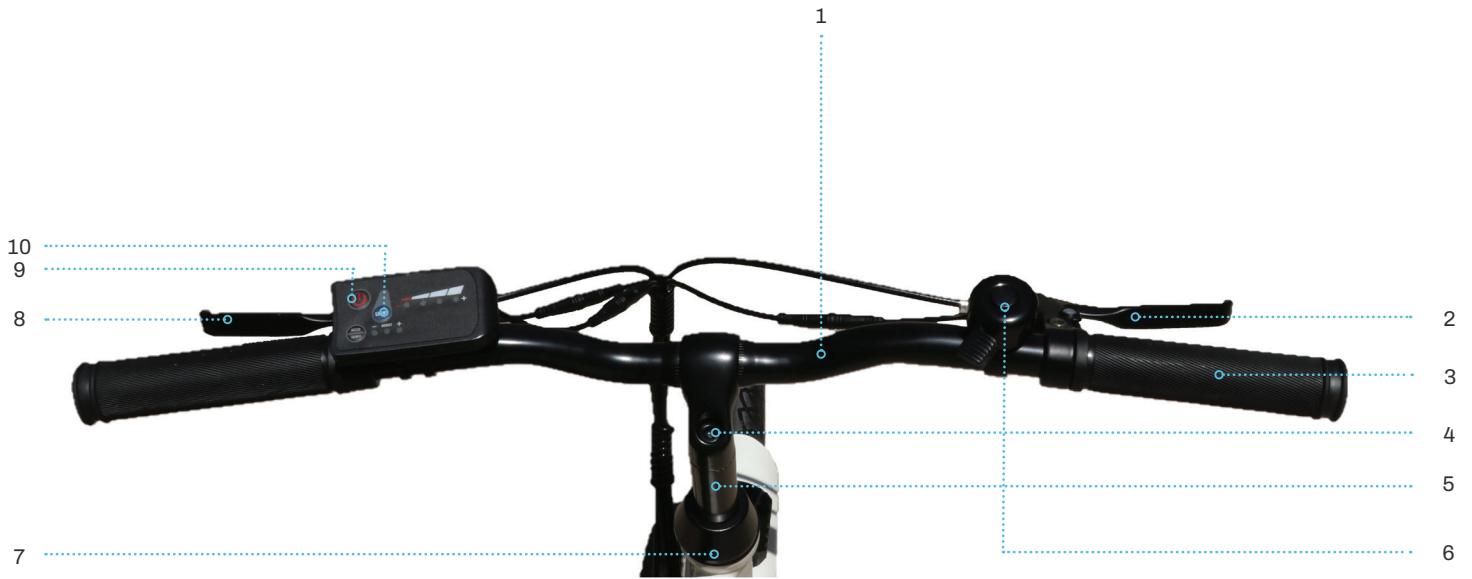
24. Saddle

DISPLAY GUIDE:



1. Power button
2. Front-light on indicator
3. Battery indicator
4. Front-light switch
5. Mode / PAS change
6. Pedal Assist System indicator
7. Walk mode switch

HANDLEBAR GUIDE:



1. Handlebar

2. Front brake lever

3. Handlebar grip

4. Stem bolt

5. Stem

6. Bell

7. Stem cap

8. Back brake lever

9. Menu / On off button

10. Headlight button

PRODUCT SPECIFICATIONS:

	Parameter	Value
Appearance Dimension	Body material	Steel
	Vehicle colour	White
	Bike size	Length*width*height: 1840mm*620mm*1080mm
	Hub form	Spoke wheel
	Hub size	26"
	Package size	Length*width*height: 1530mm*235mm*760mm
	Performance Parameters	Gross / net weight
Maximum payload		100kg
Top speed		25Km/h
Endurance Mileage		15-40KM (the lower value is closer to real-life performance)
Maximum climbing angle		25 degree
Service temperature range		-10~+45° C
Charger Parameters	Input	AC 100-240V, 50/60 Hz, 2 A MAX
	Output	DC 5.0-60V 0.001-4.5A 84W MAX
Battery parameters	Battery type	18650 Lithium ion power battery
	Battery capacity	5Ah
	Battery rated voltage	36V
	Under-voltage protection value	29V
	Over-current protection value	15±1 A
	Charging time	2-3h

	Parameter	Value
Electrical Specifications	Motor mode	Moped
	Motor type	26"/36V/High speed gear / spoke wheel motor
	Motor rated power	250W (Standard)
Product Features	Instrument display	Multi-functional LED controller
	Front lighting	Yes
	Brakes	Front and rear disc brakes
	Tyre style	Pneumatic tyre
	Tyre size specification	26x2.125
	Air nozzle:	The inner tube valve is AV
	Front fork suspension	No
	Middle(rear)shock absorption	No
	Speed gear	1 Speed
Headlights	Yes	

DISCLAIMER:

THE PRODUCT WAS TESTED FULLY CHARGED, WITH AN AVERAGE LOAD OF 75KG-85KG, AT A NORMAL TEMPERATURE ON A NORMAL PAVED ROAD BETWEEN THE SPEEDS OF 0-25KM/H. THE RESULTS MAY VARY BASED ON DIFFERENCES IN TEMPERATURE, LOAD, WIND SPEED, ROAD CONDITIONS AND OTHER FACTORS.

ASSEMBLY INSTRUCTIONS:

1. UNBOXING & TOOLS

1. Unpack your new Daxys Lynx eBike.



2. Have the tools and parts ready.



3. Remove packing materials.

* Be careful not to scratch the paint



4. Remove the front wheel and saddle.

*Be careful not to cut the tyre



2. HANDLEBAR INSTALLATION

1. Loosen the stem screw before trying to insert it in the tube.

*To confirm that the fork is in the right position, check if the brake pads are on the same side of the bike.



3. Tighten the stem screw.

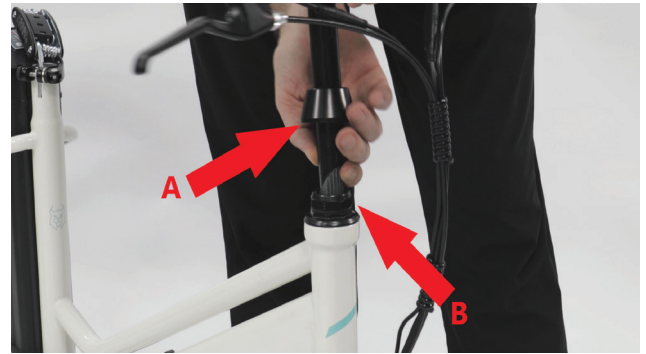


5. Adjust the handlebar to a comfortable position.

* It is recommended to angle the brake handles at aprox. 45°



2. Put the skirt (A) on the handlebar stem and insert it in the fork tube (B).



4. Loosen the stem cap screw (located on the underside of the stem)



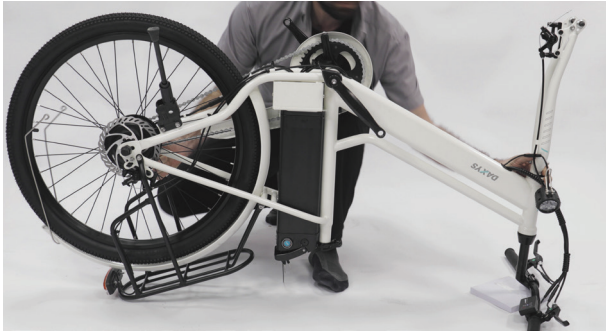
6. Tighten the stem cap screw (see 2.4).



3. FRONT WHEEL

1. Turn the bike upside-down.

*Before flipping the bike, make sure the electronic controller is in a horizontal position, so it will not be damaged.



2. Remove the fork protector.



3. Remove the protective plastic cap then put the wheel on and insert the front wheel pin.



4. Tighten using the front wheel screw.



5. Secure with the quick release.



6. Flip the bike in the normal position.

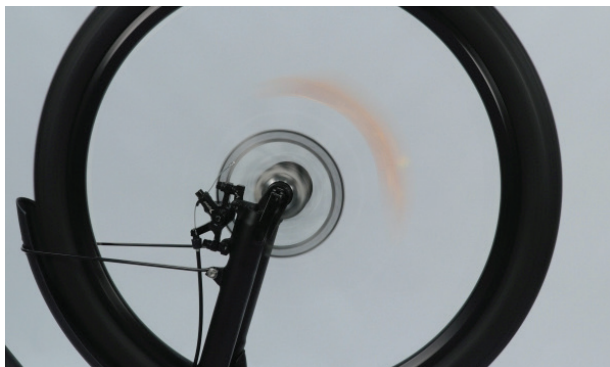


4. BRAKE ADJUSTMENT

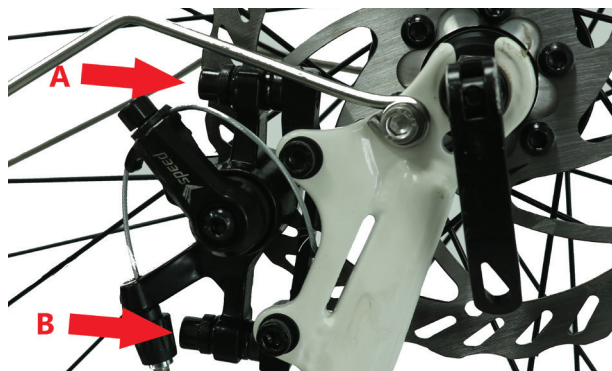
1. Spin the wheel and listen for rubbing sounds.



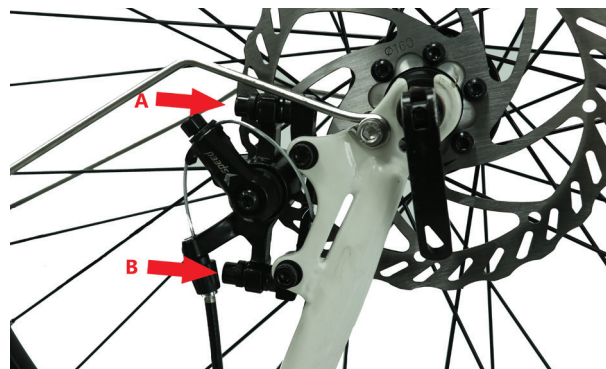
3. Spin the wheel to check.



2. Loosen A, B with the hex key and adjust brake pads.



4. Tighten A, B.



5. BATTERY REMOVAL

1. Unlock the battery using the keys (see page 20)



2. Lift the saddle using the underside lever, then pull out the battery



5. HEADLIGHT, MUDGUARDS, PEDALS & SADDLE

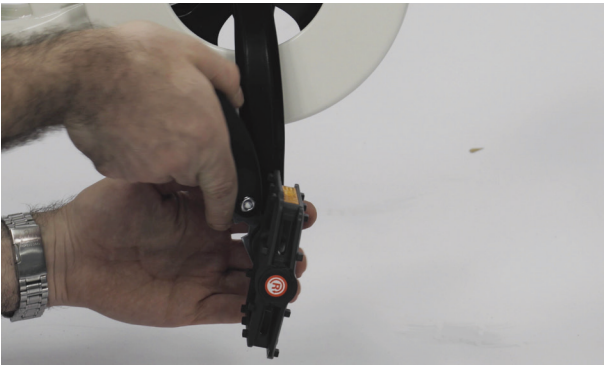
1. Attach the mudguard and head-light to the fork and suspension tube sockets, using an allen key to tighten the front and side bolts, and a socket key for the back.



2. Identify Left & Right pedals.



3. Screw in "R" and "L" pedals in the motion shown on the plastic caps, then tighten with the provided multi-tool.



4. Attach the rear mudguard to the hub sockets.



5. Insert and adjust saddle height.



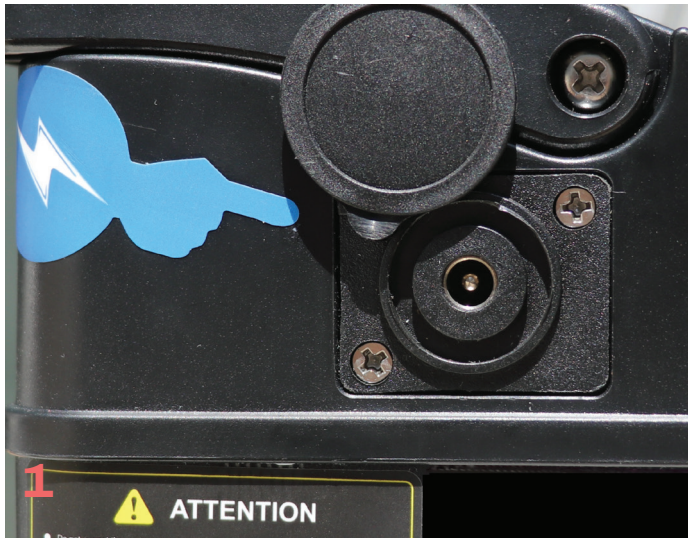
6. Secure with the quick release.



CHARGING THE BATTERY:

Using the charger and Battery guide, charging indicators, level indicators etc.

1. Connect the charger to the battery charging port first.
2. Plug in a power source
3. Check if the LED is RED. If the LED is GREEN, unplug from power source and repeat steps 1. and 2.
4. A full charge will require 3-4 hours, depending on current battery level.
5. Disconnect the charger when the LED turns green, it indicates Full Charge.
6. Pressing and holding the power button on the battery, while the battery is OFF, will indicate it's charging level (see page 20).



BATTERY AND CHARGER INFORMATION:

Storage and Warnings

If the battery will not be used for an extended period of time store in a cool, dry place, and charge it for 5 hours every month.

Please use the original special charger for charging, not more than 6 hours, and the charging current shall not exceed 2 A (amperes).

If you notice unusual sounds, smells or temperature variations coming from the charger or the battery, unplug charger immediately and contact customer service.

Improper use of the battery will damage the battery and may cause fires or explosions.

Do not disassemble or alter the battery or battery charger.

Do not place the battery near fire or corrosive substances.

Protect the battery / charger from exposure to liquids and do not use when damp.

Do not expose the battery / charger to extreme conditions.

Do not operate if damaged.

Recharge the battery only with the charger specified by manufacturer.

Do not use the battery / charger for any other purposes except the intended ones.

Good practices

Control the temperature

Avoid charging in extreme temperatures that are outside normal comfort range.

If your battery does get very hot or cold, allow it to come to room temperature before you plug in the charger. Batteries get warm even during normal use - wait a few minutes post-ride before you start charging.

Use the right charger

For best performance, use the original charger that was supplied with your eBike. If you must use a different charger (for example: if the original charger is lost or damaged and replacements are no longer available) check carefully to ensure a 100% match before you charge.

Don't take it to 0%

Lithium-Ion batteries have the longest service life when kept in the middle of their capacity. Sometimes, draining is unavoidable, but when possible, top off before 0%. Use the display or the battery indicator on your eBike's battery to monitor the charge level.

Don't overcharge

You can extend the lifespan of your lithium-ion batteries by charging to 80%, when possible.

Epic ride coming up tomorrow? Go ahead and charge to 100%. It's totally OK and is an expected, normal use of your battery.

Keep it dry

Never charge in a damp or wet environment. If your eBike was ridden in the rain, ensure every component is completely dry before you charge.

Don't pressure wash your battery, and never submerge it.

Give it some room

Both chargers and batteries can get warm during use. Make sure that any vents on the charger aren't blocked and ensure that air can circulate around all the components. Place chargers on a hard surfaces only.

Don't use an extension cord

Extension cords adds resistance. While extension cords can be convenient, some chargers may work poorly, or not at all, when plugged into extension cords. Plug your eBike charger directly into a wall outlet instead for best results. If required to use an extension cord, use the shortest length possible, and always check the specs so ensure it can handle your charger's requirements.


OPERATING YOUR BIKE:

Display, Buttons, Power on, gears, brakes etc.

1. Turn ON the battery

Insert the key and turn it to the ON position to use the electric features of your Lynx eBike.

2. Power ON/OFF

Press  to turn the electric functions of the bike ON/OFF.

3. Battery indicator

When the battery is 100%, all the LED lights will be lit

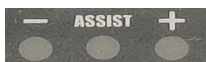


When only the first LED light is shining, it means the battery needs to be recharged.




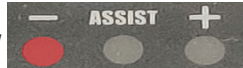
4. Gear control

Assist indicators shows the gear you're in.




The PAS (Pedaling Assistance System) starts in gear 0 (no motor assistance while pedaling)

Press Mode  once, the PAS mode would change to LOW. This mode is recommended when climbing or on rough terrain.



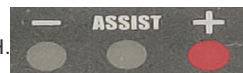
The maximum assisted speed is 15km/h.

Press  again, and PAS mode would change from LOW to MED. and it's a good balance between speed and energy conservation.



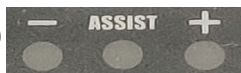
The maximum assisted speed is 20km/h.

For top speed, press Mode  again and PAS mode would change from MED to HIGH.




Maximum speed is 25km/h.

Pressing Mode  a fourth time will reset PAS mode from HIGH to gear 0



5. 6km/h electronic control

With the display power on, press 6 KM/H  to engage Walk mode. This mode is fully motor powered, limited to 6km/h. It's intended use is to assist the user when walking and having to push the eBike uphill or on rough terrain.

KEY OPERATIONS:

The key operations are short, long and key combination long presses.



ON / OFF button. ON mode allows the use of electrical features (PAS, front / back-lights)




Press **LIGHT** once to turn on front light. Press again to turn off.



Press **MODE** to change the motor gear (PAS 0-3 see pages 18,20)



Press **6KM/H** once to turn walk mode on, press again to turn off.

While the battery is OFF (see page 20) you can check the battery levels by pressing and holding the power button .



GUIDE TO ELECTRIC PEDAL ASSISTANCE MODES:

Walk mode - motor powered, no pedaling required, max speed 6 km/h

PAS 0 - no motor assistance

PAS 1 - motor assisted, max speed 15 km/h

PAS 2 - motor assisted, max speed 20 km/h

PAS 3 - motor assisted, max speed 25km/h

Note: Using the brakes will interrupt the motor assistance, will resume at the PAS value displayed after pedaling again.

YOUR EBIKE KEYS:

Basic Key information

The keys are used on the battery body to:

ON - turns on the battery

OFF - turns off the battery

PUSH - further push the key in to be able to rotate to Unlock

UNLOCK the battery - allows you to pull it out or replace it



TYRES:

Basic information and maintenance guide

Start by doing a visual check, looking for abnormal wear or cracks. If you think your tyre needs replacement based on this check up, you should follow your instincts. You may bring your tyres to your local bike shop for a competent opinion. While doing your visual inspection, check for proper tyre pressure by using a tyre gauge suited for testing bicycle tyres. **The recommended tyre pressure is 32-40 (max) PSI** and is marked on the tyre's sidewall. The maximum pressure will of course carry the maximum load capacity of your bicycle.

Should you need to replace a bike tyre, you will need to provide the e bike model / size to the supplier. You may discuss your style of riding, the type of bicycle you have etc. so your bicycle tyre supplier can offer you the correct tyre.

CLEANING YOUR EBIKE:

Basic cleaning information and maintenance guide.

Do not use a pressure washer to clean your eBike. eBikes are not built to withstand high pressure water jets. Using a pressure washer at full power has the potential to damage parts and can force excess water, dirt, and debris into places it shouldn't be in and wreak havoc on the workings of the e bike.

Do not use special car cleaner and soaps on an eBike as most car soaps have wax in them which are not suitable for eBikes.

Typically, the best way to wash e bike accessories is to wipe them down with a dry rag. Avoid getting any water or soap on the following parts:

The hub bearing (the center of the wheel)

The bottom bracket (where the pedals connect together through the frame)

The headset bearing (where the handlebars connect to the frame)

The brake pads and rotor, or discs

Chains, gears and motor

The first step when it comes down to how to wash an eBike is to use a brush to clean the dry dirt from the rims and tyres of your e bike. After that, take a wet rag or sponge and wipe down the frame of your eBike. Make sure to get to the underside of the frame where dirt is most likely to gather. Once your eBike has been thoroughly cleaned, rinse off all the dirty water. After the dirt residue has been cleaned from the eBike use a clean, dry rag to wipe the bike dry.

Once you've wiped the bike dry, lube the chain to prevent it from rusting. To do this, take your chain and run it through a clean dry rag to wipe off any water that managed to get on it. Next, take chain lube and apply a slow but steady stream to the inside of the chain as you rotate the cranks until the whole chain got lubed.

TROUBLESHOOTING:

Quick troubleshooting steps:

1. Make a note of the event description;
2. Switch off the system;
3. Visually check for any obvious cause;
4. Solve any easy and obvious cause, if safely possible (e.g. re-connect the wire connectors of various parts).

Switch the system back on.

If the issue is solved:

1. Normal use may be continued.
2. Schedule a service check at an authorised dealer.

If the issue returns, repeat step 1-4.

If the issue persists:

- a) Quit riding.
- b) Contact authorised dealer for diagnose and repairs.

1. eBike cannot be turned on.

- a) Check if the battery has run out of power;
- b) Check if the battery switch is on;
- c) Check if the display wire is connected well, and try a re-plug check;
- d) Use a multimeter to check if the battery discharges normally;

2. eBike cannot be charged normally.

- a) Check if the AC and DC plug of the charger connects properly;
- b) Check if the charger light is on after connecting to the power source, and swap check the charger if possible;
- c) Check if the battery is working normally;

3. Headlight is not working when switched on

- a) Check if the headlight wires are well connected or damaged;
- b) Check if the headlight wires are well connected with the controller;
- c) Check if the headlight switch works well, and if the headlight icon is lit on the display;

4. Riding range drop

The range on one charge strongly depends on several circumstances, such as (but not limited to):

- a) The total vehicle weight including the rider, passengers and cargo loaded onto the bike;
- b) Weather conditions, such as ambient temperature and wind;
- c) Road conditions, such as elevation and road surface;
- d) Bike conditions, such as tyre pressure and maintenance level;
- e) Amount of charge and discharge cycles;
- f) Age and condition of the battery pack;
- g) Bike usage, such as acceleration and shifting;
- h) Assist level(s) used;

5. The eBike makes abnormal noises during riding

- a) Check if the chain tension is reasonable, and adjust the chain tension;

Note: Please contact an authorised dealer for further diagnose and repairs.

F.A.Q'S:

1. So how fast can you go on an eBike?

In AU, an eBike must have a motor with a maximum power of 250W, assisting the eBike to a maximum speed of 25 km/h. If the pedal support still functions above these limitations, then the bike becomes a so-called speed pedelec.

2. So can it go faster than the motor supports?

Yes, sure. It can go as fast as you can pedal, but the motor stops supporting you when you reach the max speed limitation. With an eBike, you have the ability to reach a speed that is suitable for your way of riding, whether that's faster than the motor supports or at a speed that's lower than the maximum motor support speed.

3. Can you get any exercise out of an eBike?

The answer is that you can decide if you want to exercise with an eBike. There are several options to challenge yourself physically if you want to.

1. You can use your eBike without any support or in Eco mode and still feel your legs burn.
2. You can do several laps on the same ride.
3. You can ride farther and longer with an eBike.
4. On your eBike you are encouraged by the speed/fun factor, and you can keep going.
5. If you weren't riding an eBike or regular bike before, what would you be doing otherwise? Empower yourself to get as much exercise as you want with your eBike.

And... If you prefer, you can also empower yourself to simply have a good time and enjoy the ride without any sweat.

4. Can I handle the eBike when the battery runs out?

eBikes are supported by our SyncDrive motor technology, which provides support on the most challenging terrain. But if the battery runs out no worries, you can still pedal and get home safely. Will it be easy? That depends on what terrain you are riding. Empower yourself to ride your eBike even when the battery runs out.

5. Which E-MTB is for me?

When choosing the right E-MTB, you can choose a Full Suspension or a Hard-tail. The Full-Suspension E-MTB offers front and rear suspension for more comfort and control. The Hard-tail E-MTB features only a front suspension. The first question should always be what kind of terrain are you going to ride? The Daxys Wolf is suitable for riding smoother terrain like XC trails and dirt paths.

6. How far can I expect to ride on a single battery charge?

The range for a single battery charge can vary greatly depending on conditions such as the combined weight of the rider and cargo; wind resistance; tyre pressure and tread profile; terrain and elevation changes; road or trail surface; outdoor temperature; maintenance of the eBike; and the condition of the battery. Please refer to the spec sheet of the eBike you prefer for the typical range.

7. What is the charging temperature range of eBike batteries? Why can't charge in high temperature or low temperature environment?

The eBike battery charging temperature range is -10~45° C, The battery pack BMS will be automatically protected and cannot be charged if the temperature is too high or too low. When temperature returns to the required range charging function will return to normal. In this case, there is no need to report for repairs.

WARRANTY:

DOA:

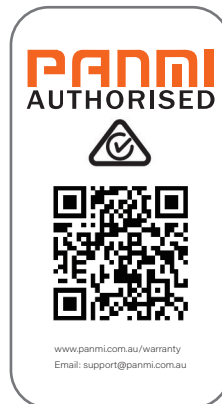
Complete replacement

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 after-market 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 or with improper voltage or power supply;
- h) Damage caused by servicing of the product (including upgrades and expansions) performed by any unauthorised personnel
- i) Damage caused by natural wear and tear.



TECHNICAL SUPPORT:

Please contact your seller for details on authorised service centers.

For further support email us at support@panmi.com.au

