

# RUNDEER

## E-BIKE USER MANUAL



### ATTENTION

Please read this manual carefully before using the electric bicycle. If you have any question, please feel free to contact with Seller.



# WELCOME RUNDEER

## THANK YOU FOR CHOOSING OUR E-BIKES

Welcome to your E-bike. You are entering a new world of ease, luxury, and mobility. Whether you're looking for an environmentally friendly alternative to your regular gas-powered vehicle, a fun way to avoid traffic congestion, or simply want to spend more time outdoors, we hope you enjoy your new E-bike. In a life full of head-winds and tailwinds, it is our honor to be wind at your back.

If you have questions or comments, please don't hesitate to contact us.

Email: [wcs@rundeers.com](mailto:wcs@rundeers.com)

Website: [www.rundeers.com](http://www.rundeers.com)

# BIKE IDENTIFICATION NUMBER / SERIAL NUMBER

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## FOR YOUR RECORDS

For future reference, please fill in the important information below. Your serial number can be found on the inward-facing surface of the frame seat stay or on head top tube.

Please retain your sales receipt for any possible warranty or loss claims.

**MY E-BIKE SERIAL NUMBER :**



# FOR YOUR RECORDS

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## MY E-BIKE

Name	<input type="text"/>
Address	<input type="text"/>
Purchase Date	<input type="text"/>
Purchase Channel	<input type="checkbox"/> WEBSITE
Model	<input type="text"/>
Color	<input type="text"/>
Serial #	<input type="text"/>

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# 01 ABOUT THIS MANUAL

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This manual was written to help you get the most performance, comfort, enjoyment, and safety when riding your new E-bike. The manual describes specific care and maintenance procedures that help protect your warranty and ensure years of trouble-free use. Please pay particular attention to the section on battery charging and maintenance.

It is important for you to understand your new E-bike, its features, and its operation, so you get maximum enjoyment with maximum safety. By reading this manual before you go out on your first ride, you'll know how to get the most from your new E-Bike.

It is also important that your first ride on a new E-Bike be taken in a controlled environment

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# 02 IMPORTANT SAFETY INFORMATION

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Cycling can be a hazardous activity even under the best of circumstances . Proper maintenance of your E-bike is your responsibility, as it helps reduce the risk of injury . This manual contains many warnings about the

Ebike Improper use could result in serious injury or death. We recommend you use a trusted professional bike technician to assemble your E-Bike.

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# IMPORTANT SAFETY INFORMATION

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## A. ALWAYS WEAR A HELMET

Helmets significantly reduce the number and severity of head injuries. Always wear a helmet that complies with your state laws when riding your E-bike. Check with your local police department for requirements in your community. 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 E-bike.

## B. KNOW YOUR E-BIKE

Your new E-bike 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.

## C. RIDE WITHIN YOUR LIMITS

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 alcohol, drugs, fatigue, and inattention can significantly reduce your ability to make good judgement and ride safely.

## D. KEEP YOUR E-BIKE IN SAFE CONDITION

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

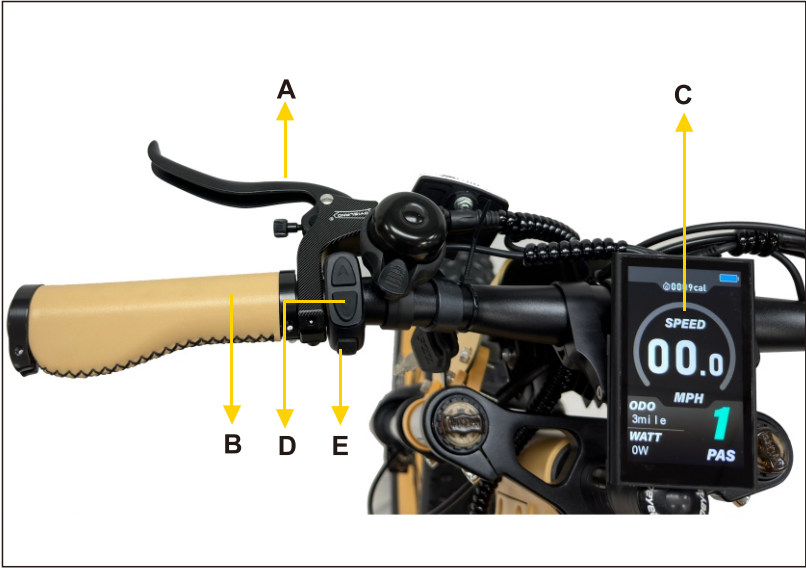
COMPONENT OR CONDITION	INSPECT BEFORE EVERY RIDE	INSPECT PERIODICALLY*	CLEAN AND/OR LUBRICATE	ADJUST/TIGHTEN	REPAIR/REPLACE IF NECESSARY
Tire pressure(55-65 psi)	<b>X</b>			<b>X</b>	
Tire wear / damage	<b>X</b>			<b>X</b>	
Brake pad adjustment	<b>X</b>			<b>X</b>	
Wheel quick release adjustment	<b>X</b>				<b>X</b>
Head and tail lights	<b>X</b>				<b>X</b>
Controls and displays	<b>X</b>				
Seat post quick release adjustment	<b>X</b>			<b>X</b>	
Brake pad wear		<b>X</b>		<b>X</b>	<b>X</b>
Brake cable tension / wear		<b>X</b>		<b>X</b>	<b>X</b>
Spoke tension		<b>X</b>		<b>X</b>	
Wheel true		<b>X</b>		<b>X</b>	
Hub bearings		<b>X</b>	<b>X</b>	<b>X</b>	
Chain lubrication		<b>X</b>	<b>X</b>		
Derailleur adjustment		<b>X</b>	<b>X</b>	<b>X</b>	
Reflectors		<b>X</b>			<b>X</b>
Battery and charger		<b>X</b>			<b>X</b>
Headset adjustment		<b>X</b>	<b>X</b>	<b>X</b>	
Bottom bracket adjustment		<b>X</b>	<b>X</b>	<b>X</b>	
All bolts , nuts mounting hardware		<b>X</b>		<b>X</b>	<b>X</b>

\*Every 5 to 10 rides depending on length and conditions of ride.

# 03 OPERATIONAL INSTRUCTIONS







## LEFT HANDLEBAR

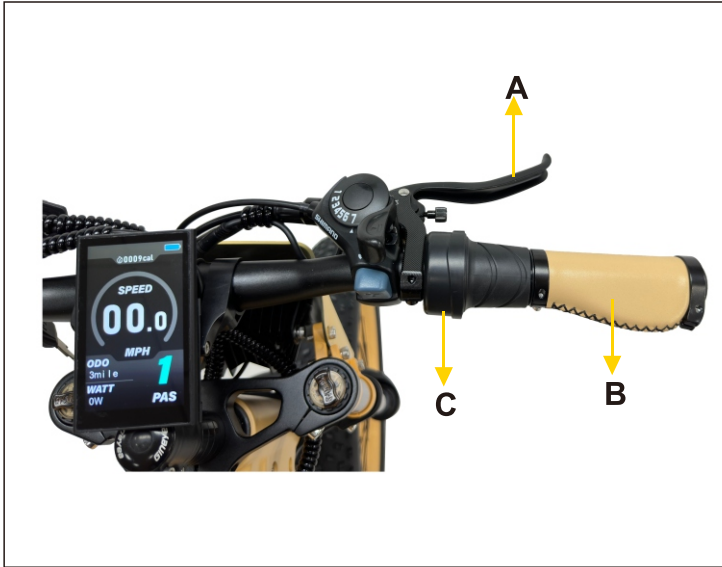
**A**  
Handlebar brake  
The brake

**B**  
Left Handlebar Grip

**C**  
Lcd display

**D**  
Instrument of control button:  
Press & hold M button to switch on/off e bike  
Press + button to gear up shift  
Press - button to gear down shift

**E**  
Power Switch Button



## RIGHT HANDLEBAR

**A**

Brake

**B**

Anti-slip handlebar

**C**

Turn the throttle to accelerate

# 04 COMPONENT INSTALLATION NOTES

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# PART 1: REMOVE PACKAGING

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**01**  
Unpack your Attack 10 electric bike

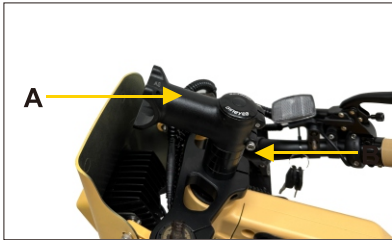


**02**  
Installation tools

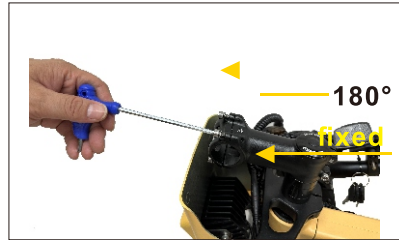


## PART 2: HANDLEBAR ASSEMBLY

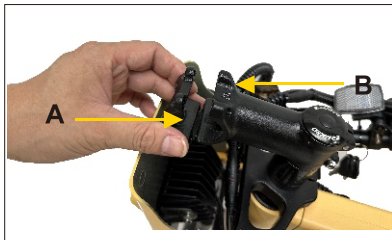
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**01**  
Loosen the riser sides A, B screws  
\*Before installation, pay attention to the front  
and rear brakes always on the same side



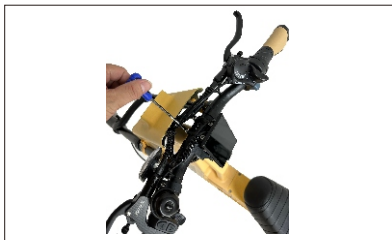
**02**  
Fix the front shock absorber and rotate the  
riser 180°



**03**  
Tighten the side A, B screws



**04**  
Remove front 4 bolts from stem cover then  
remove stem cover



**05**  
Mount handlebar onto stem , then replace  
stem cover and tighten all 4 bolts



**06**  
Adjust handlebar according to your needs ,  
then ensure all bolts are tightened firmly

## PART 3: HEADLIGHT & FRONT WHEEL ASSEMBLY

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**01**

Take out the installation tools and your Ebike



**02**

Remove the fork protector

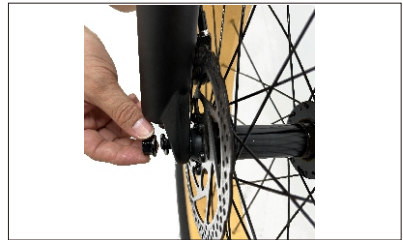
A : The protective shaft can be removed and thrown away



**03**

Put the wheel in the front fork

Disc brake disc alignment clamp card slot



**04**

Insert the front wheel for quick release

A : Adjust the screw pressure



**05**

Lock front wheel quick release  
Installation is complete



**06**

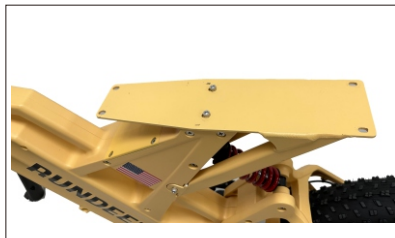
Check fastening of front and rear wheels

## Mounting and fastening of seat cushion

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**01** Remove the seat cushion



**02** Insert the seat cushion into the frame upper frame



**03** Manually screw in locking screw



**04** Lock the screw with a wrench tool



**05** Locking seat cushion bottom front screw



**06** Carefully check the fastening of the seat cushion before riding

# PART 4: PEDAL AND SADDLE MOUNTING & DIRECTION ADJUSTMENT

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**01**  
Identify the left and right pedals.  
"L" means the left side is mounted on the crank  
"R" means the right side is mounted on the crank



**02**  
"L" pedal is fixed counterclockwise to the crank



**03**  
"R" pedal is fixed clockwise and fixed on the crank



**04**  
Check all fastening and locking mechanisms of the vehicle before riding to ensure safety \*\*

# 05 RECHARGING THE BATTERY

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## PART 5: BATTERY CHARGING

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**01** Remove the charger



**02** The utility model opens the charging port on the lower end of the vehicle frame. . .



**03** Charging plug



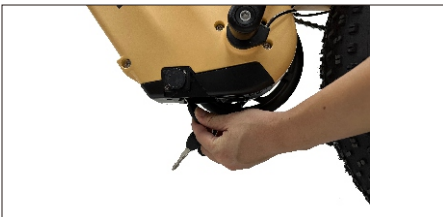
**04** Normal charging charger red light, completed charging light green light



**05** Charging good electric rotating cover charging port



**06** Battery switch and key lock position



**07** Use the key to lock the battery or open and remove the battery



**08** Check if there is enough power before riding, so that you can ride about. . .

# RECHARGING THE BATTERY

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## ATTENTION

Connect the battery first, then connect the power supply and make sure the red LED of the charger is lit, The charger will charge the completed battery within 3 to 7 hours.

A red light indicates that the battery is charging, A green light indicates that the battery is fully charged.

# 06 BATTERY & CHARGER CARE

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If the battery will not be used for an extended period of time, charge it fully and recharge it every 2 months.

Store in a cool, dry place. Recharge the battery before it becomes completely discharged.

Do not use it to power other electrical devices. Improper use of the battery will damage the battery and shorten its useful life and may cause fire or an explosion. If you experience unusual sounds or odors coming from the charger or the battery, unplug charger immediately and contact customer service.

Recharge battery after every use. Do not disassemble or alter the battery or battery charger. Do not place the battery near fire or corrosive substances. Do not allow any liquids on or inside the battery/charger. Do not expose the battery/charger to extreme weather conditions.

Do not operate the battery/charger if damaged. Recharge the battery only with a charger specified by the manufacturer.

Do not use the battery/charger for any use other than its intended purpose.



# 07 LED DISPLAY

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RIDING MODES  
Power Assist Sytem(PAS)

The speeds listed here are only for reference. Actual speeds will be affected by rider weight temperature, road situations, incline, battery status, etc.

PAS 0: Pure pedal modePAS  
1: Low speed level, 10mile  
2: Medium speed level, 14mile  
3: High speed level, 18mile  
4: Very high speed level, 23mile  
5: Maximum speed level, 26mile

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# 08 KEYS

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Your RUNDEER electric bike comes with two keys  
\*The key for the battery lock hanged on the bicycle handlebar.

## **WARNING**

Keep out of reach of children, Always keep your keys in a safe place to avoid losing them.

# 09 BRAKES

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It's important to your safety that you instinctively know which brake lever controls which brake.

Your E-Bike is equipped with disc brakes for maximum reliability. Applying hand pressure to the brake levers, will cause the wheel brake to create friction against the brake disc, slowing the wheel. The faster the E-Bike will come to a stop.

The rear brake should always be applied before and while the front brake is applied. Applying only the front brake to slow or stop at high speeds may result in the rider being ejected from the saddle and continuing forward over the handlebars. It is best to apply even pressure to both brake levers when slowing or stopping.

Bicycles equipped with disc brakes will occasionally make a slight scraping noise when the wheels are turning without the brakes being applied. This is normal.

Make sure that the brake lever does not contact the handle bar when full hand pressure is applied

If so, then the brakes must be adjusted by increasing the tension on the cable.

A quick adjustment may be made by screwing or unscrewing the threaded barrel adjuster on the brake lever until the brakes are fine-tuned for safe stopping.

If the brakes are still not operating correctly, they may require further adjustment by a experienced bicycle mechanic.

## WARNING:

\* Disc brake rotors become hot during use. Do not touch or come in contact with the disc rotor shortly after use.

\* Wet weather will require a longer distance to stop brake earlier and avoid sudden stops when riding in wet conditions.



# 10 TIRES & INNER TUBES

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Tires should not be deflated unless necessary. To minimize tire wear and for maximum riding safety, comfort, and handling, maintain recommended tire air pressure. This can be found on the side wall of all tires. Use a reliable tire air

pressure gauge to check for proper inflation before every ride. At the same time, inspect tires for excessive wear and cracks. Replace tires if necessary.

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# 11 APPEARANCE

Periodically clean your RUNDEER E-Bike with a damp cloth. Avoid spraying the RUNDEER with a water hose to avoid electrical issues. Store your RUNDEER in a dry sheltered area away from direct sunlight and wet or damp environments.

# 12

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## RUNDEER E-Bikes FAQ

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**Q** How long does it take to fully charge the battery?

**A** It depends on the state of depletion, but around 3-6 hours if completely discharged.

**Q** Can I ride up hills and against strong headwinds on my RUNDEER electric bike?

**A** Yes, One of the main advantages of cycling on a RUNDEER electric bicycle is that it flattens hills and increases your average speed when tackling inclines and headwinds. If you provide a reasonable amount of effort, you should be able to tackle anything from a 10% gradient up to a 14% gradient. You will be amazed at the relative ease with which your new RUNDEER electric bike can tackle some of the most arduous journeys

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**Q** Do I have to pedal an electric bike?

**A** No, but it helps to prolong battery life. The motor on our bikes is both throttle and pedal assist controlled, allowing you to decide how much power you desire. Have you ever tried to cycle when speeding downhill on your normal bicycle? It's just like that. The motor is propelling you faster than you're cycling so there is pretty much no resistance. It's merely a formality!

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**Q** What happens when I use the brakes under powered assistance?

**A** All of our bikes are equipped with brake levers that have a built-in safety switch that automatically cuts off the motor power under normal braking conditions.

This not only ensures a safe unpowered stopping feature, but also protects the motor under braking conditions so that it isn't working against the brakes.

**Q** How far will RUNDEER bike take me?

**A** This all depends on a few factors. Cycling with pedal assist along a straight road under normal conditions, the standard battery should last about 50-70km. Cycling up steep hills will obviously take more energy out of the battery and factors such as road surface, wind resistance, weight of the rider and tire pressure will affect your range.

**Q** What happens if I get a flat tire?

**A** The tires on our bikes are the same as conventional bicycle. Simply replace the tube with a tube of the right size and inflate it. No special tires or parts will be needed.



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**Q** How do I know when the battery is low?

**A** The E-bike have easily visible indicators located on the right handlebar or LED screen that show the Power capacity. If it is getting low and you don't think you will make it to your destination, you can switch off your motor and keep it just for the difficult bits.

**Q** Do I have to wait for the battery to empty before I charge it?

**A** No. The batteries we use are Lithium-ion batteries which do not suffer from 'memory effect'. This means that there is no need to discharge a battery completely before you recharge it again. You can partially recharge the battery at any time without reducing its voltage or lifespan. We recommend recharging the battery after every use, regardless of how far you rode.

# 13 INSPECTION & MAINTENANCE

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## Charge indicator

Red indicates charging, green indicates that the battery is full.

Note: The battery switch must be turned off using the switch on the bottom when the battery is charging. The battery must be fully charged before the first use. We recommend you charge the battery for a full 6 hours after your first 3 uses. If the bike is not used for a long time, you should fully charge and remove the battery. While not in use, keep the battery turned off and recharge every 2 months.

Make sure to keep the battery and charger away from children during charging.

Do not attempt to disassemble or modify the battery or charger.

Do not use the battery or charger for any use other than its intended purpose.

## Battery charging

Plug in the connector between the charger and the battery, then plug the charger into an electrical outlet. The LED indicator on the charger will show red, which means charging. When the indicator light turns green, the battery is fully charged. When you are finished charging, first unplug the charger from the power supply, and then unplug the connector between the battery and the charger.

During the charging process, the charger and battery should be placed in a stable and cool place. The battery operating temperature range should be between 32 and 110 degrees Fahrenheit. Do not put any cover on the battery or charger. Make sure that no liquid comes into contact with the charger.



## Hand brake cut-off power

When your bike is equipped with brake cut-off power set, the bike will automatically cut off power when the brake is used.

## Low voltage protection

When the battery output voltage reaches its limit, the electronic control system will cut off the power to automatically protect the battery. When the battery reaches its minimum voltage, you can switch to pedal riding. The battery should be recharged before riding again.

## Power off

When your E-Bike is not in use, please turn off the power.

# BASIC MAINTENANCE

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1. To ensure that your E-Bike is in the best condition, maintain and clean regularly.
2. Regularly check that the tires are inflated correctly.
3. Make sure that quick release, nuts and bolts are tightened.
4. After a period of riding, check that the spoke tension is normal. Adjust as needed.
5. The frame and other parts are made of aluminum alloy. Avoid friction or collision and clean it regularly.
6. Do not take apart the motor, battery, or controller yourself. If necessary, take your E-Bike to a professional bicycle technician for repairs.
7. Do not use high-pressure water to clean your E-Bike. Keep water away from the controller, battery and motor.
8. Lubricate the chain, flywheel, head parts, kickstand, etc. when necessary.

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## Mileage

Performance of electric bicycles is affected by road conditions, rider/load weight, and weather conditions. We recommend that you manually pedal as often as possible to improve your travel distance and battery life.

## Inclines

When riding uphill on an incline of 15 degrees or more, we recommend using the pedal to assist your climb.

## Cleaning

When cleaning your electric bicycle, wipe with a dry or damp cloth, do not spray directly with a hose. Do not put oil on the front brake.

The seat tube should be cleaned and lubricated if necessary.

## Parking

Please make sure your RUNDEER is parked in a stable place and is used.



# 14

## WARRANTY CERTIFICATE

### Important

RUNDEER warranties against manufacturer defects for all of our regular electric bikes and parts except accessories. The warranty period begins on the delivery date within twelve (12) months. Please note this warranty only covers the initial purchaser and DOES NOT cover accessories.

### Validity

The warranty is valid only when:

- a) The Product is purchased from RUNDEER authorized dealers or outlets
- b) The Product is NOT transferable to any third party either in ownership or during the period of contract.
- c) The model and serial label should not be



### RUNDEER Ebike Warranty

In the rare case that your E-Bike arrives and does not work, In order to honor the warranty the following must be followed: e If your E-Bike is received with a defect, RUNDEER will take care of the shipping fees (at RUNDEER instruction) and immediately ship replacement equipment or repair the equipment.

If your E-Bike is in need of repairs, the owner must contact RUNDEER will receive a Return Authorization(RA)Number and all of the necessary information. RUNDEER will not accept returns without an RA.

All returns must be properly packaged to prevent damage during shipment. An explanation of the problem or damage and a proof of purchase must be submitted with the return which will be shipped by the owner.

The RA number must be clearly visible.

The owner will be responsible for insurance of the merchandise(at owner's cost) because RUNDEER will not be responsible for damages or losses during shipment.



### Exclusion

- a) Damage or loss caused by modification, alteration, or repair by any unauthorized party.
- b) Damage or loss caused by mishandling by the customer or person(s) with access to the product on the customer's premises.
- c) Normal wear and tear.
- d) Damage or loss caused by Acts of God or any other causes beyond RUNDEER control.
- e) Damage or loss as a result of external bodies.
- f) Damage or loss caused by another device that is connected to the Product.
- g) Damage resulting from accidents, misuse, abuse, tampering, or failure of the customer to follow normal operating procedures outlined in the user manual.

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**The warranty is void if:** The damages are a result of an accident, abuse, alteration, non-authorized usage, or use of electricity other than that indicated in this manual.

**The warranty is void if:** The owner or user neglected to do routine maintenance required and the damages or problems are directly related to such neglect. It is the user's responsibility to keep the E-Bike in proper condition.

**Certain parts of the equipment are not covered by the RUNDEER warranty due to the fact that they require replacement after multiple uses. For example: buttons, pedals, seats, tires, etc. These parts will eventually require replacement at the owner's cost.**

The manufacturers will not be held responsible for damages or monetary losses related to the purchase or use of their products. RUNDEER denies responsibility for all physical and moral damages linked to the purchase and use of their products. In all cases, the damages can not exceed the purchase price paid by the initial owner.

The final decision to honor the warranty is taken by RUNDEER personnel after a technic inspection when the owner returns defective.

**The warranty excludes:**

1. Replacement and shipping costs of products worn out by normal use.
2. Replacement and shipping costs of products due to problems related to neglect, abuse, or lack of maintenance.

**Warranties are NON-TRANSFER-ABLE.**

**Product Data**

E-Bike Model: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Order Number: \_\_\_\_\_

**After-sales support:**

Email: [wcs@rundeers.com](mailto:wcs@rundeers.com)

Website: [www.rundeers.com](http://www.rundeers.com)



# RUNDEER

Email: [wcs@rundeers.com](mailto:wcs@rundeers.com)

Website: [www.rundeers.com](http://www.rundeers.com)