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# OWNER'S MANUAL

**Read Instructions Before Using Your New Electric Scooter**



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PLEASE BE SAFE WHEN RIDING

ALWAYS WEAR A HELMET AND OBEY ALL LAWS!



**IMPORTANT**



**BATTERY MAINTENANCE and**  
**CHARGING INSTRUCTIONS**

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1. You **MUST** charge completely prior to initial use. (Follow charging instructions in your Product Handbook)
  2. Charge immediately after each use.
  3. Charge before storage. You must charge every 30 days if not in use.
  4. Charge the unit for 4-8 hours or until the light on the charger turns green.
  5. **DO NOT** allow this unit to deep discharge the battery.
  6. For safety purposes, **DO NOT** charge for over 24 hours.
  7. Turn the unit **OFF** when not in use.

## **WARNING!**

**This PRODUCT IS NOT INTENDED FOR EXTREME or OFF-ROAD Use! Please take care of your scooter!**

**DO NOT JUMP or ABUSE THIS PRODUCT!**

**DO NOT RIDE IN WET/ICY CONDITIONS!**

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# IMPORTANT

PLEASE READ THIS BEFORE USING THIS PRODUCT

## WARNING

This product does not conform to Federal Motor Vehicle Standards and is not intended for operation on public streets, roads or highways. Serious injury can result from the unsafe operations of this product. Operator can minimize these risks by using certain safety equipment such as: safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.

DO NOT operate this product in traffic, on wet, frozen, oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.

DO NOT use a water hose to clean this product. See Product Handbook for more information.

This product is recommended for riders 14 YEARS OF AGE and older.

## SAFETY

- Persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities should not use this product.

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## **QUICK REFERENCE SAFETY GUIDE**

### **SAFETY GUIDE**

- The recommended minimum age for riding this scooter is 14 years old.
- To avoid damage to the motor and footplate, do not overload the scooter.
- Never ride with more than one person.
- Inspect your scooter thoroughly before each use for loose or missing parts.
- Avoid unintentional starts by turning the scooter off while not in use.
- To avoid the risk of a short circuit in the electrical parts, do not use your Electric scooter in the rain and never spray or wash off your scooter with water.
- Do not place the battery near fire or heat.
- To avoid damage to the battery, do not use the charger if it has been damaged in any way.
- Keep hands, face, feet and hair away from all moving parts.
- Do not touch the motor or wheels while they are rotating.
- Brakes are designed to control speed as well as stop the scooter. Practice braking for proper slowing down and smooth stops.
- Maintain your SCOOTER as recommended in this Product Handbook.
- Use only quality replacement parts as recommended by the manufacturer.
- Inspect the entire scooter prior to each use. Replace any part that is cracked, chipped or damaged before use.

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## **GETTING TO KNOW YOUR X1 SCOOTER**

(Photo's may vary)






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## **PACKAGE CONTENTS**

Your Scooter comes with the following items in the box. Please locate all of the following:

1. Scooter
2. Battery Charger
3. Tool Kit User Manual

## **ASSEMBLING THE SCOOTER**

 Please read and understand these instructions and the **OPERATING PROCEDURES** section, prior to starting or riding your scooter 

### Assembly



1. Take out the scooter from package carton. you can see it just like the picture A show.





3. Raise the kickstand to its upright position.



4.this is folding state of front postion



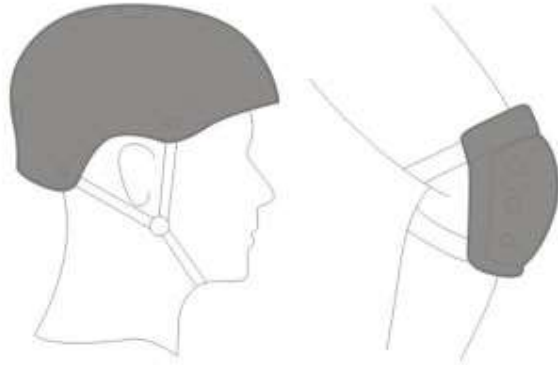


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**Wear helmet and knee pads before Operate The Scooter:**

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Please wear helmet and knee pads when practice



**How to operate the scooter**



1.Start the key



## **CHARGING**

Your scooter comes charged out of the carton. We still recommend charging the unit for 4-8 hours prior to its first use. We also recommend charging your scooter after each use and prior to storage.

**WARNING:** Do not allow your scooter to go into deep discharge, as this will damage the

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batteries.



1. Make sure unit is turned off.
2. Open the charging socket cover located on the footplate.
3. Locate your Battery Charger. Find the charger socket end that has a socket and plug it into the scooter.
4. Next, plug the AC plug into a wall outlet.



When first plugged in, the charger has one red light that will illuminate at the same time, indicating that the charging process has started. Once the light on the charger



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## **RIDING**

1. Make sure that all of the exposed bolts and screws are tightened.
2. Raise the kickstand to its upright position.
3. Push the on/off switch (located on the left handlebar) to the ON position.
4. Put one foot on the deck of the scooter while pushing off with the other foot, gently rotate the THROTTLE GRIP, on the right side of the handlebars. The scooter will begin to move on its own power.

\*\*Your scooter has a variable speed hand throttle. You can control the speed of your scooter by the amount of pressure you use when rotating the hand throttle. The more you rotate, the faster you will go.

## **STOPPING & BRAKING**

1. To brake, release the THROTTLE GRIP and depress the BRAKE LEVERS (on the left/right side of the handlebars. Depressing the brake will disengage power to the motor. When the unit feels like it is losing power or not accelerating to full speed,

the scooter is ready to be re-charged.

NOTE: If the on/off switch is left in the ON position for more than 10-15 minutes without moving, Smart Power will shut itself OFF. To reset, turn the unit OFF, wait a few seconds and then switch it back ON again.

## **FOLDING & STORAGE**



When you are done riding the scooter you can fold it down for compact storage and transportation. First remove the seat post and seat, then using one hand, push down on the folding handle while gently pushing down on the handlebars. BE CAREFUL NOT TO HIT YOUR HEAD WITH THE HANDLEBAR, SET YOURSELF AT THE RIGHT SIDE IS NECESSARY. Push down until you feel the mechanism lock into the down position.

### **BRAKING SYSTEM**

The scooter uses a pinch braking system for the front, and a disc/caliper system for the rear. They are both activated by a hand brake lever on the left and right side of the handlebar. Squeezing the hand brake lever with your left hand activates the rear brake. Squeezing the hand brake lever with your right hand activates the front brake. Make sure to release the HAND THROTTLE GRIP when engaging the brakes. Your Discovery is equipped with switches on each brake lever that will disengage power to the motor when the brake levers are depressed.

Practice braking on a smooth, dry surface to get used to the feel of the braking system. Braking distance is affected by wet conditions and loose and uneven riding surfaces.

### **Adjusting the Brakes**

The Brakes on the scooter should come fully adjusted from the factory.

However, it may be necessary to adjust the brakes from time to time.

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To adjust the rear brakes:

For brakes that are adjusted too loose:

1. Adjust the tension screw on the right hand brake lever by rotating it counter-clockwise until the wheel spins freely.



To adjust the front brakes:

For brakes that are adjusted too loose:

3. Adjust the tension screw on the left hand brake lever by rotating it counter-clockwise until the wheel spins freely.

For brakes that are adjusted too tight:



4. Tighten the tension screw on the left hand brake lever by rotating it counter-clockwise until the wheel spins freely.

For Further Front Brake Adjustment

5. Locate the adjustment screw on the front brake assembly (located above the front wheel). Tighten or loosen as necessary.

For Further Rear Brake Adjustment



### **SQUEAKY BRAKES**

The brakes may squeak before they are broken in. This is normal and will not affect the function or performance of the brakes. With continued use the squeak should go away.

### **TIRE PRESSURE**

The tire must be inflated to a maximum of 30 P.S.I. It is also recommended to use a tube additive like **Slime**, available from any motorcycle shop, to avoid inconvenient punctures.

Empty all air from the tire, prior to loosening the bolt to split the rim.

### **MAINTENANCE**

#### **RECOMMENDED TOOLS**

To adjust and service the scooter you will need the following tools:

- Allen Wrenches: 3/4/5/6 mm

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- Wrenches: 10/13/13 mm Open end wrench
  - Large Adjustable Crescent Wrench
  - Philips Head Screwdrivers
  - Oil, Grease or Lubricant

## **MAINTENANCE SCHEDULE**

Proper care of your scooter will insure optimal performance and longer life span. The following are a few maintenance suggestions that will keep your scooter running in top condition:

### Daily Maintenance

Perform each time you ride your scooter

- Clean the exterior of the unit with a soft, damp rag. (DO NOT WASH WITH A HOSE)
- Check that all nuts and bolts are securely tightened.
- Check battery charger for any frayed/cut wires.

### **Clean and store Electric Scooter**

If you find any stains on electric scooter housing, use a soft,damp cloth to wipe

the vehicle;You can use toothpaste and a toothbrush to clean the scootr from

stains, and then wipe it clean with a damp cloth. If you find scratched on parts,

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made of plastic, use sandpaper or other grinding materials for their polishing.

Warning: Do not use alcohol, petrol, kerosene or other corrosive solutions,

volatile chemical solvents to clean the vehicle. Otherwise, it will cause serious

damage to the scooter body and can disrupt a structure of internal elements. Do

not wash electric scooter under a strong pressure of the water, make sure the

scooter in the off status. In addition, after charging of the vehicle, it is necessary

to insert a plug back to a charging connector, otherwise you may get an electric

shock, or may have serious water damage caused from water falling into this

hole may have serious water damage

If you do not use the scooter, store it in a dry, cool place and do not leave the unit for a long time on the street. Leaving the device under the sun/in extremely high temperature/over-low temperature can cause rapid aging of an outer body and wheels of Electric Scooter or reduce battery life.

Maintenance of Electric Scooter battery

1) Do not use batteries from other brands in order to avoid a dangerous situation;

2) Do not open or disassemble the battery to prevent electric shock. Avoid contact with metal objects to prevent an occurrence of a short circuit. Otherwise, the battery may have malfunction or can injure the user;

3) It is recommended to use an AC adapter.

## **SAFTY INSTRUCTION**

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the device, to prevent an occurrence of an accident or fire of the vehicle;

1) Improper disposal of used batteries and accumulators is the cause of severe

environmental pollution. Please, dispose of batteries in accordance with local

laws. Please do not dispose of batteries together with food waste. Protecting the

environment together!

2) After each use of the device, charge the battery to prolong its service life.

Do not store the scooter battery in rooms with temperatures that exceed

50°C or -20°C (for example, do not leave the battery of Electric Scooter and other

batteries in cars in summer time on the hot sun), do not leave the battery near

fire. As a result of these actions may deteriorate the battery, overheating and can

even cause inflammation.

If within 30 days the scooter is not used, charge the battery and keep the device in

a cool, dry place. Every 60 days you need to charge the battery, otherwise there is

the likelihood of its failure, which is not subject to warranty services.

Avoid a full discharge of the device, it will extend battery life. When using the

device at normal room temperature, the battery will be able to ride much greater

distance and its performance will be better; but if you use the

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scooter at

temperatures below 0C, vehicle performance and permeability decrease.

At -20C a traveled distance is less, than the scooter in the normal conditions of half

or even less. If a temperature rises, a traveled distance by the vehicle will also

increase. You can check remaining distance in the Application.

Note: A fully charge scooter runs about 120-180 days of standby time. The battery

has a smart chip, that stores information about its charging-discharging. If you are

has a smart chip, that stores information about its charging-discharging. If you are

not charging the battery for a long time, it can cause serious damage, for which it

is impossible to charge the device again. This kind of damage is not included in

free warranty service. (Caution: Do not disassemble the device by unauthorized

people, as there is a risk of electric shock or serious injury as result of a short

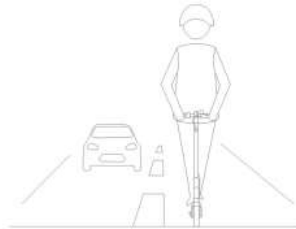
circuit.)



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## Preventing dangerous driving

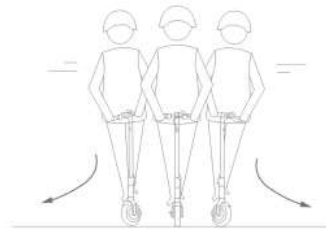
It is forbidden to leave a scooter on a scooter wheel at high roadway for motor vehicles or ride in at a high speed



It is forbidden to drive through puddles, to which exceeds depth of 2cm



It is forbidden to sharply turn a residential area with a large flow of passers-by



Never rider a scooter more than or one person,hold a child in your arms.





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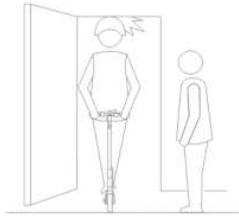
## Safety Instructions

It is not recommended driving on the rain



Entering into any room, elevator, etc.

Be careful not be injured by a door frame.



It is recommend to slightly bend knees to better adjust to a rough road. If you are travelling on a rough road, stick to low speed (5-10km/h)



Please not add speed when descending a hill



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## Main Feature

### PARAMETER

Choose 48v 500w motor:

1	Motor	48v 500w
2	Max Speed	10-40km/h
3	Product size:	1140 x 610 x 1110mm
4	Folding size:	1140X240X480mm
5	Meter:	LCD Meter
6	Frame material	Aluminium alloy
7	Battery	48V 8ah—48v 18ah lithim battery
8	Fender	Front fender/rear fender
9	Charge Time	4-6 hours
10	Distance per charge	25-35km depend on road condition
11	Deck	Aluminium alloy
12	Rear Fork	Steel
13	Max Load	100kgs
14	Tire Size	85/65-6.5 off road tire (10 inch tire)
15	Folding	Yes
16	Brake(F/R)	Disc/Disc
17	Seat	No
18	G.W/N.W	22/25kgs
19	Shock:	Front shock/rear shock(inside frame)
20	Folding	YES

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## Main Feature

1	Motor	36v 500w
2	Max Speed	10-35km/h
3	Product size:	1140 x 610 x 1110mm
4	Folding size:	1140X240X480mm
5	Meter:	LCD Meter
6	Frame material	Aluminium alloy

Choose 36v 500w motor:

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11	Deck	Aluminium alloy
12	Rear Fork	Steel
13	Max Load	100kgs
14	Tire Size	85/65-6.5 off road tire (10 inch tire)
15	Folding	Yes
16	Brake(F/R)	Disc/Disc
17	Seat	No
18	G.W/N.W	20/23kgs
19	Shock:	Front shock/rear shock(inside frame)
20	Folding	YES