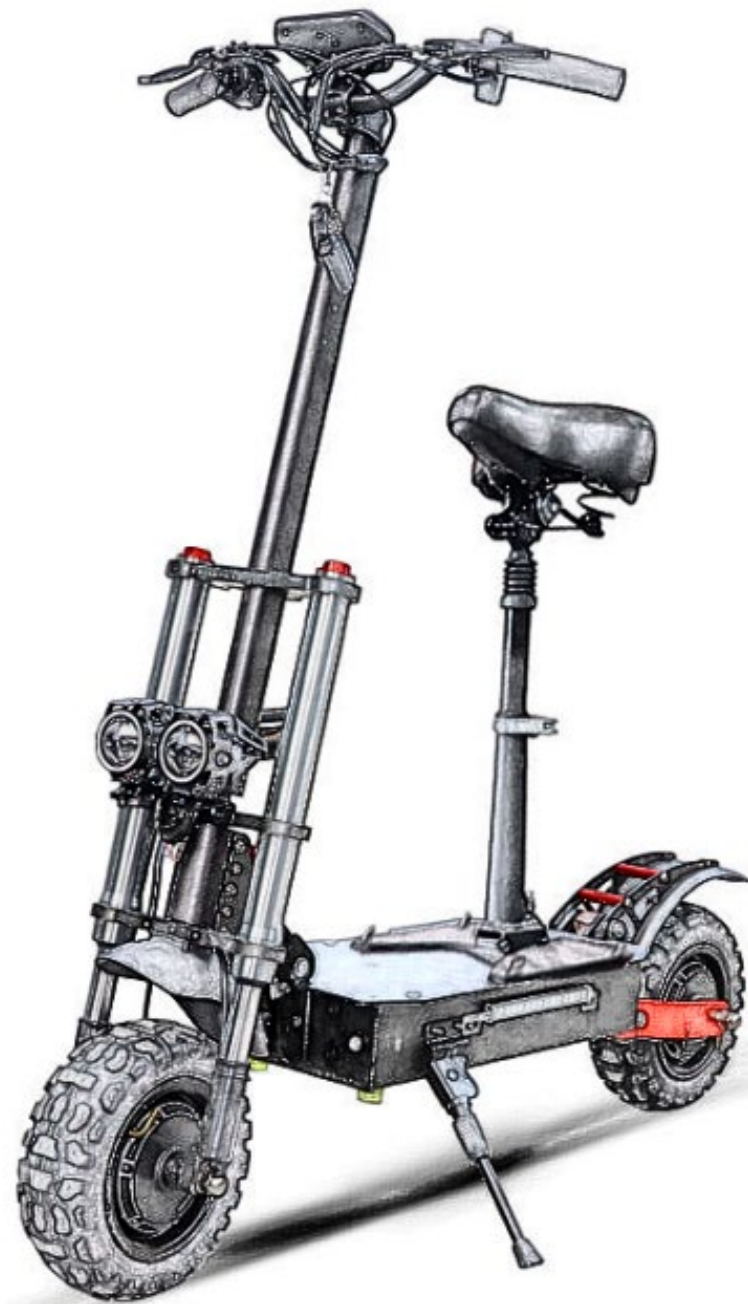


User Manual



Welcome to use

Thank you for choosing an electric scooter. The electric scooter is a fashionable transport to entertainment equipment. We suggest you take some time to read the user manual carefully to understand your car, the more you know, the more you can enjoy the safety and fun of driving the scooter.

WARNING

PLEASE BE SAFE WHEN RIDING

ALWAYS WEAR A HELMET AND OBEY ALL LAWS!

Note: when using and operating the scooter, please strictly comply with all relevant local laws and regulations

Catalogue

1. Introduction-----	01
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3. Products and accessories-----	02
4. Quick start-----	02
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3.Products and accessories

Scooter 1.user's Guide 2.Legal Notices 3.Cue card
Accessories

Extended aeration nozzle



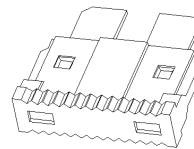
charger



Toolkit



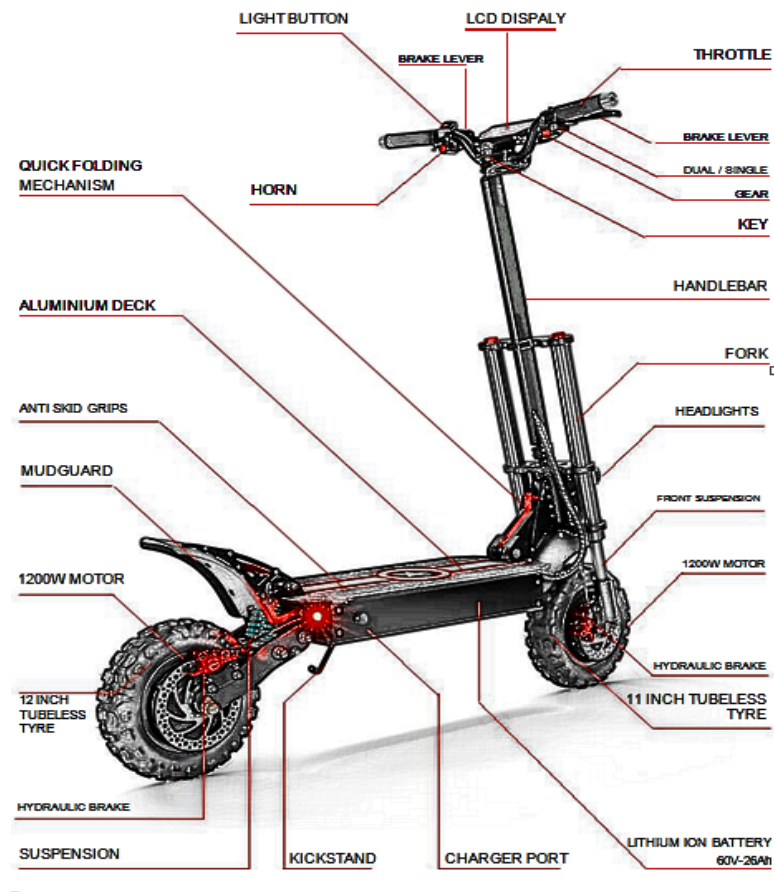
fuse



lease check carefully whether the contents of the package are complete. If there is any missing or damaged, please contact us after sales.

4.Quick start

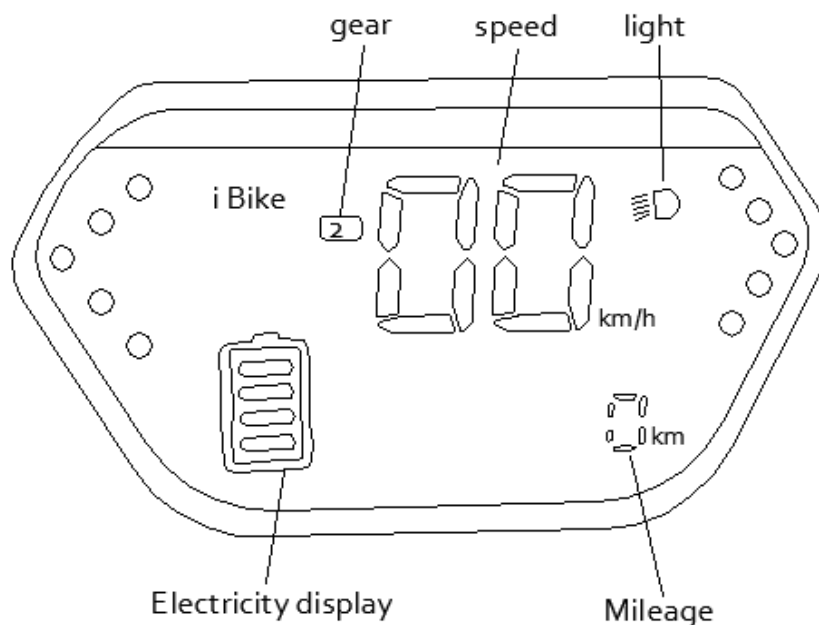
4.1 Functional diagram



4.2..display

Turn light, headlights, speed, gear position, driving distance and power consumption will show on the display.

On the display, there are four electric lights indicating electricity. With the battery power consumption, the power lamp will be changed from top to bottom according to the order of constant light, flicker, and extinction. When four lights are normally on, the power is between 100% and 86%; when three lights are always on, and when one flickers, the power is between 85% and 71%; and so on, the flashing light will go out with the power consumption. When the bottom part of the power lamp blinks, the amount of electricity will be depleted. Please recharge it and use it again. When the electricity is exhausted, all four electric lights are extinguished, and the vehicle will glide to stop naturally.



4.3Body assembly

PACKAGE CONTENTS

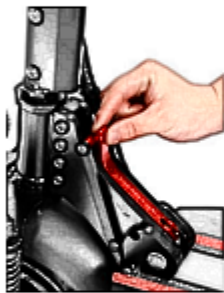
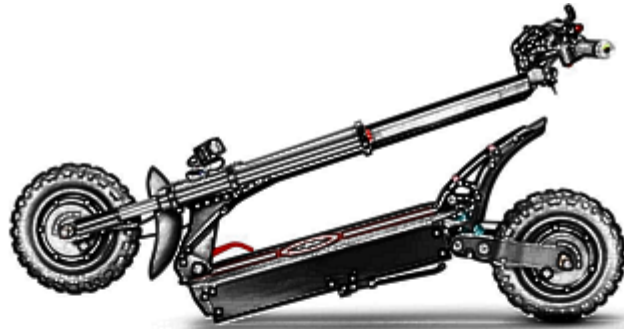
Your MACH1 Scooter comes with the following items in the box. please locate all of the following:

- ① Electric Scooter
- ② Battery Charger
- ③ Tool Kit User Manual and Fuses
- ④ Seat

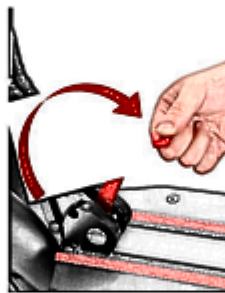
GETTING STARTED

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

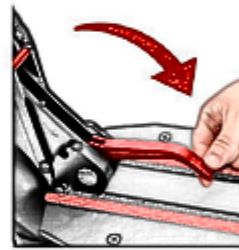
- ① Carefully remove the Scooter from the box
- ② To unfold the scooter, first of all, pull out the safety bolt with your hands and rotate 45°. Push the straight bar . When you hear a “clink” , you feel the mechanical device lock in place.
- ③ Attach the handlebars by inserting the silver handlebar clamp onto the handlebar post stopping just below the top .Be sure to orient the bars in the correct riding position with the throttle on the rider's right side .Secure the handlebars to the post by tightening the bolts on the clamp with the enclosed Allen wrench as shown.
- ④ Install the code table, first twist out the screw shown in the figure and take out the decorative cover, then put the speed meter bracket hole corresponding to the hole on the straight pole, install the decorative cover, and twist in the screw.
- ⑤ As shown in the figure, first push the lock buckle under the seat to the right, straighten the pillar under the seat, loosen the lock buckle, turn the lock buckle, and lock the mechanical device.
- ⑥ Loosen the seat lock and insert it, as shown in the picture.
- ⑦ Tighten the seat bolts bolts as shown.



1



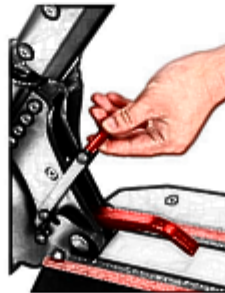
2



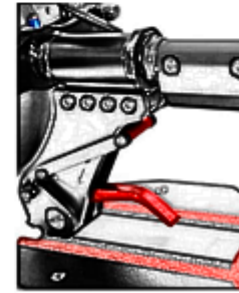
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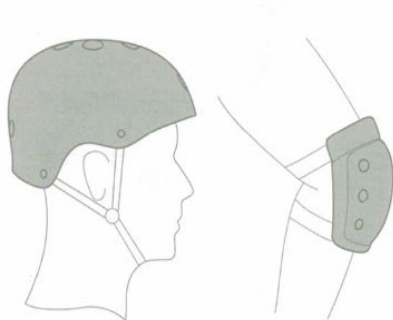


5



6


4.4. Learning to drive



There is a risk of falling and hurting

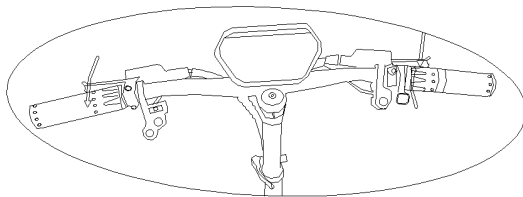
so please wear a helmet and protective gear throughout the game as shown

turn on mains switch or alarming

apparatus  to turn on the electric switch



The rider puts his right foot on the deck and his left foot on the ground. Turn the throttle, and when the scooter moves slowly, stabilize and press the other foot on the deck.



****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. To brake,release the THROTTLE GRIP and depress the brake will disengage power to the left/right side of the handlebars. Depressing the brake will disengage power to the motor. When the unit feels like it is loosing power or not accelerating to full speed, the scooter is ready to be re-charged.**

4.5.BRAKING SYSTEM

This scooter adopts oil pressure disc brake system, with oil as the medium, through the action of the left and right brake handle to move the piston inside the compressed oil, the pressure from the oil pipe through the caliper, so as to push the piston inside the caliper and drive the brake pad to hold the disc, the brake is more powerful and safer.Your scooter has switches on each brake lever that will disable the engine when the brake lever is pressed down.Practice braking on a smooth ,dry surface to get used to the feel of the of the braking system.

Braking distance is effected by wet conditions and loose and uneven riding surfaces.

Warning: oil brake is a sealing system, at the same time through the high-pressure test, absolutely prohibit loosening the screw on the oil brake, (only change the oil, oil brake can twist out the screw) any place oil leakage is not allowed, if oil leakage, please stop riding, and please professional and technical personnel for maintenance.

TIRE PRESSURE

The tire must be inflated to a maximum of 20 PSI. It is also recommended to use a tube additive like Slime available from any motorcycle shop ,to avoid inconvenient punctures.

Empty the tire of air before removing it.

4.6.MANINTENANCE

RECOMMENDED TOOLS

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

- Allen Wrenches:3/4/5/6/8/10MM
- Wrenches:10/13/17/19/21MM Open end wrench
- Philips Head Screwdrivers

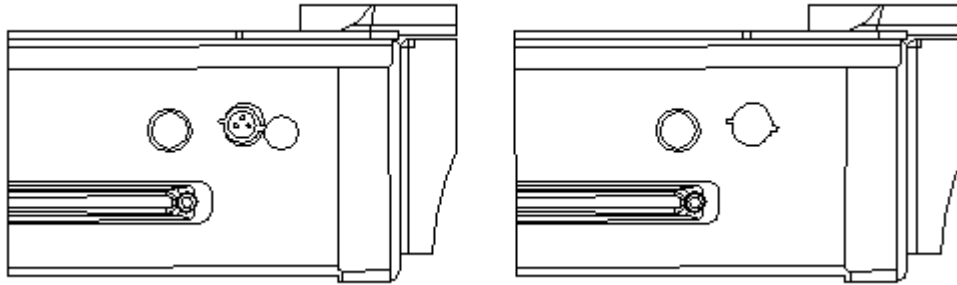
4.7.FOLDING&STORAGE

After you finish riding your scooter, you can fold it up for quick storage and transportation.As shown in the figure, first remove the seat and hold it up with one hand, then pull out the safety bolt with one hand and rotate it by 45° , hold the handle with both hands, support the ground with the left foot, step on the folding mechanism with the right foot, feel the folding lock open, take back the right foot, and gently press the handle until you feel the machine locked in the downward position.Be careful not to hit your leg with the handlebars.



4.8.Charger connection





Open rubber stopper Insert charging head After charging, tighten the rubber stopper
Make sure unit is turned off,

Your scooter comes charged out of the carton. We still recommend charging the unit for 10-12 hours prior to it's first use .We also recommend charging 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 batteries.

5.About charging



IMPORTANT



BATTERY MAINTENANCE and CHARGING INSTRUCTIONS

- 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 10-12 hours or until the light on the charger turns red&green.
- ⑤ **DO NOT** allow this unit to deep discharge the battery.
- ⑥ For safety purposes.**DO NOT** charge the battery for over 24 hours.
- ⑦ Turn the unit **OFF** when not in use.

Failure to follow these **INSTRUCTIONS** will **VOID YOUR WARRANTY!**

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!

Failure to follow these instructions will

VOID YOUR WARRANTY!

6.Safety instructions

IMPORTANT

PLEASE READ THIS BEFORE USING THIS PRODUCT READ THIS THIS FIRST!

WARNING

.This product does not conform 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 knee-pads and appropriate footwear.

- Electric scooter is a kind of sports entertainment tool, not a vehicle,But once you drive it into a public area, it will also have vehicle properties, so there are also security risks that may exist in all vehicles.Driving in strict accordance with the instructions in this manual will protect you and others from the greatest extent possible, and ensure compliance with national and provincial and municipal traffic regulations and traffic regulations.

- At the same time, you need to understand that once you drive your electric scooter to other public places on public roads, even if you follow this safe driving guide, you may be exposed to the risk of illegal driving/inappropriate operation by others or vehicles.Just like walking or cycling, you may receive the same damage from other vehicles; like all vehicles, the faster you drive an electric scooter, the longer the brakes require, and the emergency braking on some smooth ground may cause the wheels to slip. And lost balance and even fell. It is therefore important to be vigilant during driving, maintain proper speed, and maintain a reasonable safety record with other people and vehicles.Be alert and drive at low speed before driving into unfamiliar terrain

- Please respect the right of the pedestrian before driving. Avoid scaring pedestrians, especially children. When passing behind the pedestrian, remind the pedestrian and slow down when passing.Pass as far as possible from the left side of the pedestrian (for areas where the vehicle is driving to the right). Keep face to face and keep speed on the right side

- When driving in countries and regions such as China that do not currently have national standards and regulations for electric scooters, please strictly observe the safety requirements of this manual for drivers. The company will not bear any direct liability and joint liability for all financial, personal, accident, legal disputes and other adverse events that result in conflicts of interest caused by the use of the instructions in this manual.

- DO NOT operate this product in traffic,on wet,frozen,oily or unpaved surfaces,potholes,surface cracks and obstacles.

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

Do not lend an electric scooter to someone who does not operate to avoid injury. Give the electric scooter to a friend, be sure to be responsible for the safety of your friend, teach him or her, and inform him or her that you must wear safety gear.

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

.Minors without adult supervision should not use this product.Persons unwilling or unable to take responsibility for their own actions should not use this product.

.This product is ELECTRIC! DO NOT ride this product in wet conditions, Puddles or rainy weather.

- Please perform basic inspections on the electric scooter before each driving. If you notice

obvious loose parts, poor battery life, slow tire leakage or excessive wear, abnormal noise or malfunction, please stop using it immediately. Do not force it.

QUICK REFERENCE SAFETY GUIDE

SAFETY GUIDE

- .The recommended minimum age for riding this scooter is 18 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.
- .Braking 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.

*NEVER ALLOW CHILDREN TO OPERATE THE SCOOTER

*NEVER ATTEMPT TO OPERATE THE SCOOTER WHILE UNDER THE INFLUENCE OF ALCOHOL.

If a situation arises that is not covered in the manual,

Proceed with caution and use good judgment.

Daily maintenance and maintenance

Cleaning and storage of electric scooters

If there is stain on the surface of the electric scooter body, use a soft cloth to wipe a small amount of water to wipe; if stains that are difficult to clean are present, use toothpaste and brush repeatedly with a toothbrush. Then clean with a damp cloth. If the plastic parts of the body are scratched, they can be sanded with other abrasive materials.

Tip: Do not use alcohol, gasoline, kerosene or other corrosive, volatile chemical solvents to clean, otherwise it will seriously damage the appearance and internal structure of the car body. Do not use your Electric scooter in the rain and never spray or wash off your scooter with water. Otherwise, it may cause electric shock or serious failure due to internal water inflow.

When not in use, try to store the electric scooter in a dry and cool place indoors, and try to avoid storing it for a long time outdoors. Sunlight exposure/overheating/cold outdoor environment will accelerate the appearance of electric scooters and the aging of tires and reduce the service life of electric scooters and their battery packs.

Maintenance of electric scooter battery

- ① Do not use battery packs of other models or brands, otherwise there may be a safety risk
- ② Do not touch the battery contacts and do not disassemble or puncture the case. Avoid metal objects touching the battery contacts causing a short circuit. Failure to do so may result in damage to the battery or death.

- ③ Can only be charged with the original charger, otherwise there is danger of damage or fire
- ④ Improper disposal of used batteries can seriously pollute the environment. Observe local regulations when disposing of this battery pack. Do not discard this battery pack at will to protect the natural environment.
- ⑤ Please fully charge the battery after each use, which will help extend battery life.

Do not place the battery in a high temperature above 50 ° C or in a low temperature below -20 ° C (for example, do not put the electric scooter or its battery pack in a car under the summer sun), do not put the battery into the fire. Otherwise, it may cause battery failure, overheating, and even the risk of fire. If it is not used for more than 30 days, please fully charge it, store it in a cool dry place, and fully charge it once in 60 days. Otherwise, the battery may be damaged and the damage is not covered by the warranty.

Avoid completely exhausting the battery and recharging it. Try to use it as much as possible. This will greatly extend the battery life. In addition, when used at room temperature, the battery pack can achieve higher cruising range and performance; and if used in an environment below 0 ° C, battery life and performance will decrease. Typically, at -20 ° C, the cruising range may be only half or less at normal temperature. After a steady rise, the battery's cruising range will recover.

Tip: A fully charged electric scooter that drains its stored power after about 120-180 days of standby. There is a smart chip inside the battery to record the charge and discharge of the battery. If it is damaged by a long time without charging, it will no longer be able to be charged. If it is not charged in time, it may cause the battery to be over-discharged and damaged. This damage is unrecoverable. And can not enjoy the free warranty.

Cleaning and storage of electric scooters

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If the front and rear tires of your electric scooter are out of gas, please use the extended inflation nozzle attached to the car to connect the body tires to the air. First unscrew the front and rear tire inflation caps, then tighten with the extension inflation nozzle and the tire inflation nozzle, and then connect the pump to inflate after tightening.

7. Model parameter table

Performance	project	Standard edition	Tall edition
Product Size	Length * width * height (cm)	1300*560*1280 mm	
	After folding, length * width * height (cm)	1320*560*600 mm	
weight	Scooter weight(kg)	About 45	About 57
Cycling requirements	Maximum load(kg)	120	
	Age of use	18-50	
	Use height(cm)	120-200	
Main vehicle parameters	Maximum speed(km/h)	About 70	
	Typical life(km)	About 50	About 60
	Maximum grade(%)	About 40	About 50
	Use terrain	Hardened road surface, flat dirt road surface, no more than 1cm step, no more than 3cm channel	
	Operating temperature(°C)	-10-40	
	Storage temperature (°C)	-20-45	
	Protection level	IP54	
Battery pack parameters	Rated voltage (VDC)	60V=	
	Maximum charging voltage (VDC)	67.2V=	
	Rated Capacity (AH)	20	
	Intelligent battery management system	Overvoltage/Undervoltage/Short/ Auto Sleep	
Motor parameter	rated power(W)	500	700
	Maximum power(W)	800	1000
Charger parameters	rated power(W)	134	

	Rated input voltage(VAC)	100-240V	
	Rated output voltage(VDC)	67.2V	
	Rated current(A)	2	
	Certificate	CCC, CE,ROHS	
	Charge time (h)	About 10	About 12

(1) Body height: the distance from the ground to the highest end of the body

(2) Typical battery life: under full power, 75kg load, ambient temperature 25° C, measured at 35km/h at a constant speed on a flat road surface

Note: Data and parameters vary by model. Subject to change without notice

8 The name and content of harmful substances in the product

Part Name	Harmful Substance					
	Lead (pb)	HG	Cadmium (CD)	Hexavalent chromium (cr(vl))	Polybrominated biphenyl(PBB)	Polybrominated biphenyl (PBDE)
Charge	×	○	○	○	○	○
Battery	×	○	○	○	○	○
Gas nozzle	×	○	○	○	○	○
Charge port	×	○	○	○	○	○
Light	×	○	○	×	×	×
Instrument board	×	○	○	×	×	×
Hub motor	×	○	○	×	○	○
shell	○	○	○	○	○	○

9.Common failure list

SYMPTONS	POTENTIAL CAUSE	SOLUTION
----------	-----------------	----------

Connect charger green light	<ol style="list-style-type: none"> 1.This indicates the batteries are adequately charged. 2.Bad fuse or open connection between charger socket and batteries. 	<ol style="list-style-type: none"> 1.Check whether the charger is connected to AC. 2.Check Fuse: Look FOR Loose or disconnected wire
Batteries do not hold a charge,Unit does not have specified travel range	<ol style="list-style-type: none"> 1.Batteries have reached the end of their useful life. 2.Charger is malfunctioning. 	<ol style="list-style-type: none"> 1.Replace Batteries 2.Replace charger unit
Unit moves intermittently or very slow.	<ol style="list-style-type: none"> 1.Batteries not fully charged. 2.Loose Wire. 3.Bad Throttle or controller 	<ol style="list-style-type: none"> 1.Charge or replace batteries. 2.Check for loose wires 3.Replace Throttle or controller
Unit will not move when throttle lever is activated.	<ol style="list-style-type: none"> 1.Batteries not fully charged. 2.Brake switches out of adjustment 	<ol style="list-style-type: none"> 1,Replace batteries or charger. 2.loosen brakes 3.Replace batteries
Unit stops abruptly during use.	<ol style="list-style-type: none"> 1.Fuse Blown 2.Loose or broken wire. 3.Bad controller 	<ol style="list-style-type: none"> 1.Replace Fuse 2. Check for loose or broken wires and repair/replace. 3.Replace Throttle or controller
Turn on the power switch the whole machine is not powered up, remote control can open the power	<ol style="list-style-type: none"> 1. Bad Switch 2. Wire disconnect 	<ol style="list-style-type: none"> 1. Replace Switch 2. 2.Check for loose or broken wires and repair/replace.

Konsumentkontakt

Arc E-commerce AB

Box 3124

13603 Haninge

Sverige