



## **V8 MODEL**

**ENGINE : 3000 WATTS**

**MAX SPEED: 80 KM/H**

### **USER' S MANUAL**

**Read this manual completely before your riding**

## FOREWORDS

This product is designed for transportation and is environmental friendly.

Below are the characteristics and advantages of the electric scooter.

- \*High-efficient brushless DC motor.

- \*Digital controller with indicator and protection from overvoltage and undervoltage.

- \*Brake system with power cut-off ability to ensure safe riding.

- \*High Ah battery with high performance offering stronger current and longer distance for riding

- \*Front and rear suspension system providing a smooth and comfortable riding

### Warning!!

1. Riding age according to local laws and ordinances that govern and/or restrict the use of electric scooter. The laws and Ordinances vary greatly from municipality to municipality. It is your responsibility to know and abide by your local restrictions.
2. Do not remove or dismantle the parts in private. Please contact service center or dealer for replacement or repair parts.
3. Do not borrow the vehicle to any one that is not familiar to the riding process.

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# 1. RIDING SAFELY

## 1.1 General Rules

- 1.1.1 Always wear an approved helmet when riding your scooter, and Follow the helmet manufacturer's instructions for fit, use and care of your helmet.
- 1.1.2 When riding obey the same road laws as all other road vehicles, Including giving way to pedestrians, and stopping at red lights and stop signs.
- 1.1.3 Ride predictably and in a straight line. Never ride against traffic. Ride defensively. To other road users, you may be hard to see. Use correct signal lights to indicate turning or stopping.
- 1.1.4 Concentrate on the path ahead. Avoid potholes, gravel, wet road markings, oil, curbs, speed bumps, drain grates and other obstacles.
- 1.1.5 Expect the unexpected such as opening car doors or cars backing out of concealed drive ways. Be extra careful at Intersections and when preparing to pass other vehicles.
- 1.1.6 Familiarize yourself with all the scooter's features. Practice signal lights, braking and the use of horns.
- 1.1.7 Don't carry packages or passengers that will interfere with your visibility or control of the scooter. Don't use items that may Restrict your hearing.
- 1.1.8 Maintain a comfortable stopping distance from all other riders, Vehicles and objects. Safe braking distance and forces are subject to the prevailing weather conditions.
- 1.1.9 Please ride slow when road condition is bad.
- 1.1.10 Please do not exceed the loading capacity. This will affect the Riding distance.

## **1.2 Wet Weather**

- 1.2.1 In wet weather you need to take extra care.
- 1.2.2 Brake earlier, you will take a longer distance to stop.
- 1.2.3 Reduce your riding speed, avoid sudden braking, and take corners with additional caution.
- 1.2.4 Be more visible on the road.
- 1.2.5 Wear reflective clothing and use safety lights.
- 1.2.6 Potholes and slippery surfaces such as line markings and train tracks all become more hazardous when wet.

## **1.3 Night Riding**

- 1.3.1 Ensure that the front lights are on.
- 1.3.2 Wear reflective and light colored clothing.
- 1.3.3 Ride at night only if necessary. Slow down and use familiar roads with street lighting, if possible.

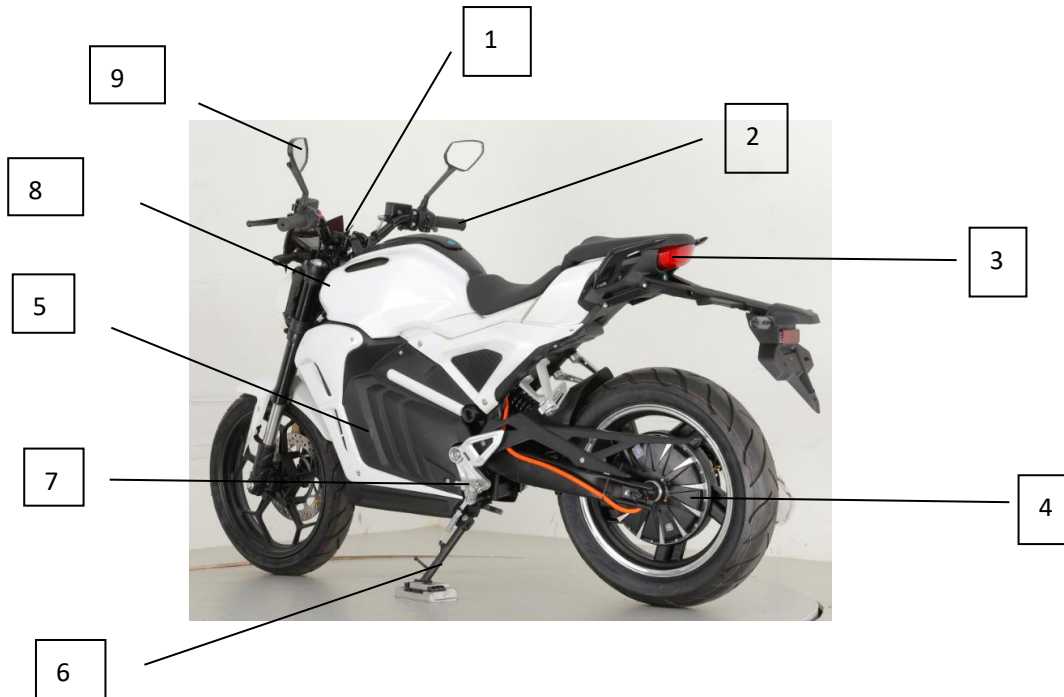
**CAUTION:** Modification is illegal. A modified vehicle will affect its structure or performance, which will result in shortening the vehicle's life. Modified vehicle will not be covered by warranty. It is necessary to buy original spare parts from authorized dealers. No guarantee can be provided either for quality or durability when buying not original spare parts from the market.

**WARNING:** Once you have completed the initial charge you are ready to ride. You must be aware of all local laws and ordinances that govern and/or restrict the use of electric scooter. The laws and ordinances vary greatly from municipality to municipality. It is your responsibility to know and abide by your local restrictions.

## 2. TECHNICAL INFORMATION

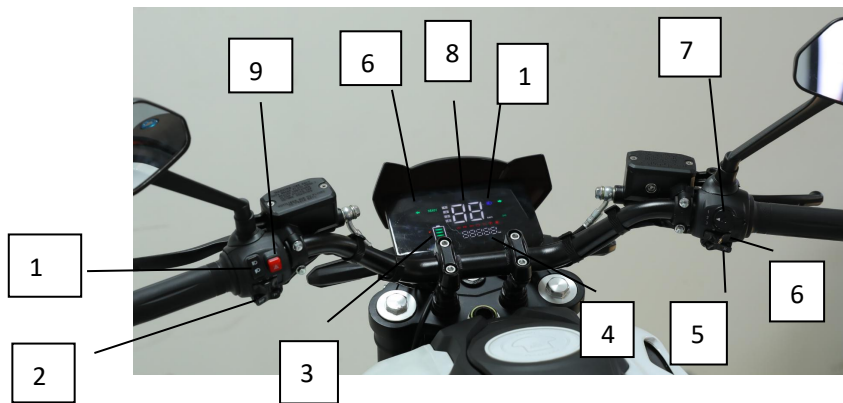
Product size	1850x710x1125mm
Max speed	75km/h-80kmph
Range per charge	90-120km
Motor power	3000W
Battery capacity	72V45Ah
Charging time	6-8hours
Charger output	72V/5.5A
Front and rear tire size	front tyre : 110/70-17 rear tyre: 140/70-16

### 3.GENERALOVERLOOK



No	Description
1	Speed meter
2	Throttle
3	Tail light
4	motor
5	Foot rest
6	Side stand
7	Battery box
8	Tool box
9	mirror

### 3.1 INSTRUMENT PANEL



No	Description
1	Far and near light
2	horn
3	Battery power
4	Usage mileage
5	Reverse switch
6	Turn light
7	123 speed switch
8	speed
9	Double flash

**NOTES:** The above spare parts are only for reference. Any changes of spare parts or technology upgrades will presented to the final product without prior notice.

**CAUTION:** Do not use horn in the no horn area.




## 4.CHARGING THE BATTERIES

Before riding the electric scooter for the **first time**,you can charge the batteries please using the supplied charger.

The scooter is using 72V Lithium battery.You should charge your electric scooter after each ride.You must recharge your scooter if it has not been used for 30days or more. Recharging time is between 6-8 hours.

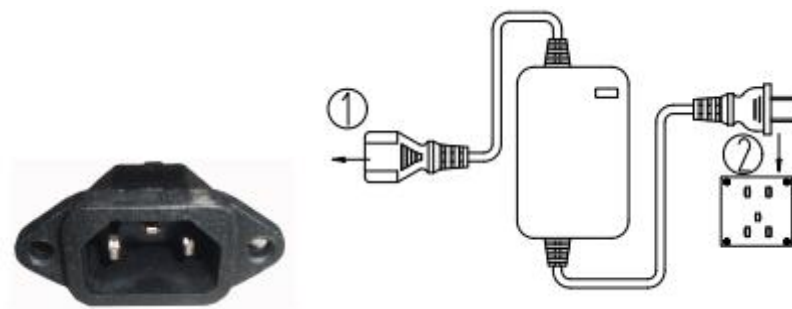
**4.1Charging on the scooter:** Turn off the scooter by pointed

the key to  Insert the output plug to the charging socket of the scooter (refer①) and connect the input plug 220V/110V to the wall socket (refer②).The battery in fully charged when the charger indicator shows green.Suggest giving extra 1-2hours charging time to achieved better battery condition.

Remove the charger input plug

Follow by the output plug when completed charging.

Charging socket



### IMPORTANT CHARGING INSTRUCTION:

The Power Switch Lock must be in the **Off** position when the electric scooter is being charged.

Please follow the charging instruction.

## **5. Lithium battery storage and usage(Libattery version only):**

To extend the battery life and be Intelligent Use of li-battery,here are the regulations:

### **5.1. Charging and discharging:**

5.1.1.1 Charge:the charger must be the assorted one.

5.1.1.2 Connect the power to the charger.

5.1.1.3 Insert the charger's out-put connector to the battery's in-put connector.

5.2 When the signal light is on,please pull out the battery's in-put connector first.The common single charging time is about 6-8 hours. If the battery was blew-up, the charging or discharging mustbestopped.

5.2.1 Discharge : Always avoid over discharge. Charge the Battery timely after discharging, in order to avoid over discharging.

### **5.3 Storage:**

5.3.1 Li-battery cannot be stored at the place where is over hot and over humidity,therefore the temperature of the storage should between-20 to 55 degree, and further more the storage must be kept in dry, clean and the battery should not be piled up.

5.3.2 The battery cannot be stored for a long time without charging.The battery should be charged once a month. The battery should be stored with fully charged.

### **5.4 Maintenance:**

5.4.1 When you test the voltage of the single piece of the battery-cell, you have to test the cell directly,not by the wire.By doing that,it can avoid the voltage decline.

5.4.2 You have to wear the gloves or clip the finger nails before you take out the single piece of the battery.This is to avoid damage the cover of the battery.

5.4.3 Forbid bending the battery cell, the top edge of the seal-up. And also the falling, hitting and short circuit are prohibited.

5.4.4 When you're-assemble the battery, there ares ome special notes you have to concern in mind.

The temperature of the electric iron should below 350℃;


The welding time must be less than 3 seconds; and the

frequency of welding should be no more than 5 times;

The second welding must be done after cooling.

## **6 Battery charger inspection:**

6.1 Use only special or original charger. Difference country may use difference charger. Our charger is 100v-240v

6.2 The Power Switch Lock must be in the  position when the electric scooter is being charged.

6.3 Do not up side down the battery box during charging.

6.4 Check the charger socket if the welding work still in good condition.

## **7 Cleaning:**

7.1 Never use high water pressure to wash the scooter. Soaked Electrical parts and wiring will affect the performance.

7.2 Never apply lubricant to the drum brake and the tire.

7.3 Use lubricant to clean the metal parts of the scooter.

7.4 Use standard abluent to clean the painting plastic parts surface and wipe up by cloth.

## **8 Motor and controller maintenance:**

8.1 During raining season, do not let the water go over the motor centerline. This is to protect motor from burnt and broken.

8.2 Do not press both brake lever and accelerator when starting the motor to prevent damaging other parts.

8.3 Slow down the scooter when the road condition is not good. High vibrations will interrupt the electrical parts connection.

## Vehicle Information

Purchasing Date : \_\_\_\_\_

Invoice number: \_\_\_\_\_

Vehicle identification number: \_\_\_\_\_  
(VIN)

Vehicle motor model: \_\_\_\_\_ Wattage: \_\_\_\_\_

Motor number: \_\_\_\_\_

Vehicle battery model: ☐ Lead-Acid ☐ Lithium \_\_\_\_\_

Battery number: \_\_\_\_\_

Body Color: \_\_\_\_\_

Owner's Name: \_\_\_\_\_

Owner's Phone: \_\_\_\_\_

Owner's Address: \_\_\_\_\_

Distributor / Dealer: \_\_\_\_\_