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Congratulations and thank you for purchasing the Beachmad electric motorcycle;Beachmad is a compact electric motorcycle with unique style and design, comfortable driving and good driving stability.It is a motorcycle suitable for young people to drive with electric drive system, which can accelerate faster and be more environmentally friendly.

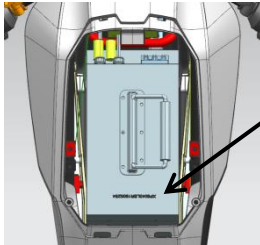
## Technical parameter

Performance index	Item	Specifications
Dimensions	L*W*H*WH (mm)	2044*754*1050*1390 (mm)
Product weight	Vehicle weight in running order (without battery)	86.5Kg
Load	Maximum payload	108Kg
Vehicle Parameters	Full speed	45Km/h
	Max distance with one charge	55-65Km
	Working temperature	-20-45°C
	Storage temperature	-10-30°C
Battery	Rated Volatge	60V
	Battery capacity	40Ah
	weight	13.5Kg
Motor	Rated Power	2000W
	Input voltage	200-240V
Charge	Output voltage	67.2V
	Output current	5A
	Charging time	about 8-10H

## Relevant identification number

### **Power Pack Serial Number**

The power pack serial number is located above the battery housing.



Power pack serial number

### **Motor Serial Number**

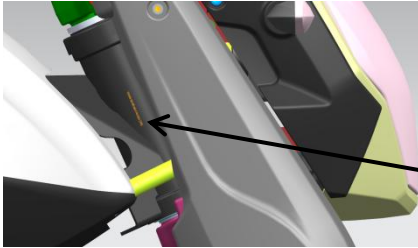
The motor serial number is stamped on the left hand side of the motor housing.



Motor serial number

## Vehicle Identification Number (VIN)

The VIN is a 17-digit number stamped on the head tube of the frame. Do not alter or remove this number as it is the legal identifier for your motorcycle.



VIN

### Vehicle Range

Some of the factors which affect range include: speed, acceleration, number of starts and stops, ambient air temperature, as well as changes in elevation. The combination of these factors, as you travel from one point to another, defines your trip profile. In addition, tire pressure and payload are important considerations. We suggest that you ride conservatively when you first get your BeachMad. Once you become familiar with the range versus performance of your motorcycle, then you can adjust your riding characteristics. This applies mainly to riders with trip profiles which are at the edge of the performance envelope. The reported motorcycle range values in this Owner's Manual are measured using different standards according to the country the Velocifero motorcycle is being sold in.

### Maximizing Your Range

Range varies in electric motorcycles similarly to how it varies in gas motorcycles. However, the big difference between electric and gas is that energy consumption is averaged over a shorter distance on an electric motorcycle. Electric motorcycles are designed for convenient daily recharges versus less frequent and less convenient trips to the gas station. As a result, the same electric motorcycle often yields different ranges from one full recharge to the next.



### How to Predict the Range

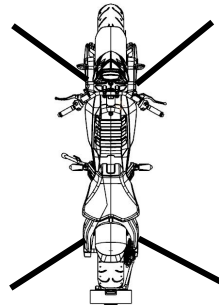
To generally predict how an electric motorcycle's range will be affected, you can use the four factors:

- route
- rider
- weather
- motorcycle

By considering each of these factors, you can use specifications such as 'city range' as standards to estimate what the motorcycle's real world range will be under your particular usage case.

## Transporting

It is recommended that the motorcycle be tied-down using ratchet straps while it is being transported. Place the ratchet straps around a frame contact point. Soft straps must be used to reduce scratches or other damage. Use two ratchet straps in the front and two in the rear. The tie down straps should be at a 45° angle from the motorcycle. Follow the manufacturer's instructions for the ratchet straps you are using.



### General Safety Precautions

- This is a performance electric motorcycle and should be treated with extreme caution.
- Proper safety gear, including a regionally approved helmet, eye protection, riding boots, gloves, and protective clothing should be worn while riding to reduce the risk of potential injury. We highly recommend the use of full height riding boots since the vast majority of motorcycle injuries are leg and foot injuries. It is not recommended to ride without the correct protective clothing; this applies to even short journeys and to every season of the year.
- Read all additional warnings and product instructions in this owner' s manual, as well as safety labels, before operating your electric motorcycle.
- Never permit a guest to ride your electric motorcycle without proper instruction.
- Never use alcohol or mind-altering drugs before operating your electric motorcycle.
- Persons unwilling or unable to take responsibility for their actions should not use this motorcycle. You assume all responsibility while operating your motorcycle. The seller assumes no liability for misuse or operator negligence.

- Your safety depends in part on the good mechanical condition of the motorcycle. Be sure to follow the maintenance schedule and adjustment requirements contained in this manual. Be sure you understand the importance of checking all items thoroughly before riding.
- Be very careful when loading or adding accessories to your motorcycle. Large, bulky, or heavy items may adversely affect the handling and performance of your motorcycle.

### Safe Driving Rules

- Motorcycle drivers are not allowed to drive motorcycles until they have passed the examination of the traffic management department and obtained a motorcycle driving license. Do not lend motorcycles to people who do not have a motorcycle driver's license.
- Before starting the motorcycle, the vehicle must be carefully checked to ensure that the vehicle is safe and normal, before allowing the use of the motorcycle, this can prevent accidents occur and avoid damage to parts.

To avoid causing harm, you should:

- Wear smart clothes.

## Safety Information

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- Do not drive too close to other motor vehicles. Use turn signals, horns, brake lights and other signals correctly.
- Please do not drive in the blind area of other drivers' sight.

Strictly observe and comply with all traffic laws (including local traffic laws):

- Speeding is the main cause of accidents, so the speed should not exceed the limit of the road conditions.
- When turning and changing lanes, appropriate signal lights must be used to alert other drivers.
- When driving on roads with turning points, intersections, entrances and exits of parking lots, high-speed highways or obstacles in front of them, etc.

Take special care.

- When driving, both hands should hold the direction handlebars tightly and both feet should be stepped on the left and right front pedals.
- In addition to looking ahead, left and right, the driver also needs to observe the road conditions around him.

### Safety equipment:

- The head injury is the main reason for the casualties of motorcycle drivers and passengers. To ensure your safety, be sure to wear high quality clothing while driving. Anti-collision helmet, dust protective goggles, gloves and other protective equipment; Passengers and passengers should also wear the same.
- Do not wear loose and lacy clothes to prevent clothes from being hooked by control handles, pedals or wheels. It may also be caught in the wind. Accidents occur in vehicles on the road. But we must bear in mind that high-quality protective equipment can only play a protective role, do not wear protective equipment can ignore traffic safety regulations. Good motorcycle drivers always drive their motorcycles cautiously.

### Loading of goods

**Note:** Electric motorcycles have certain requirements on the distribution of load-carrying capacity. Improper loading of goods will damage the performance of vehicles and affect the driving stability of vehicles.

When loading the goods:

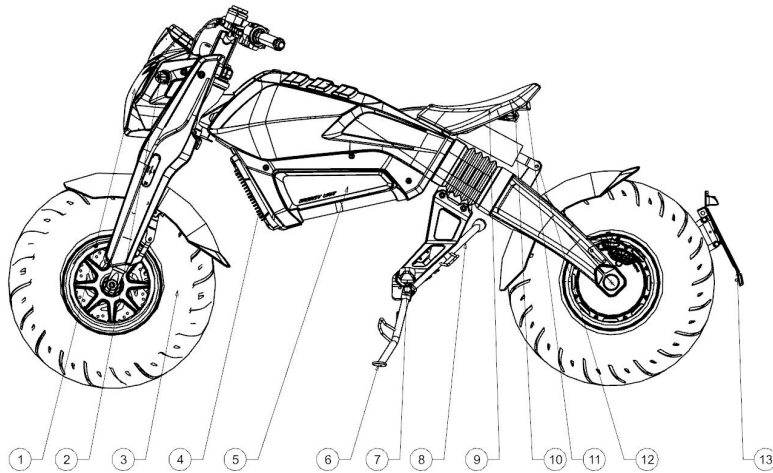
- The center of weight (center of gravity) of the cargo should be located at a low position and close to the center of the vehicle.
- Adjust tire pressure according to load and driving conditions.
- All cargo must be firmly fixed on the vehicle to ensure stable handling.
- Large and heavy objects should not be tied to steering handles, front shock absorbers or front fenders, otherwise driving instability or steering failure will be easily caused.
- It is strictly forbidden to exceed the maximum load requirement of the vehicle (90 kg).

### Vehicle refitting

- Modifications to the motorcycle may render the vehicle unsafe and may cause severe personal injury. We cannot be held liable for non-approved modifications.
- If you have good suggestions on vehicle refitting, you can inform our company by letter. After confirmation, our company will be responsible for the implementation. Any unauthorized alteration of the vehicle. If you do not follow this advice, you will be responsible for all the consequences.

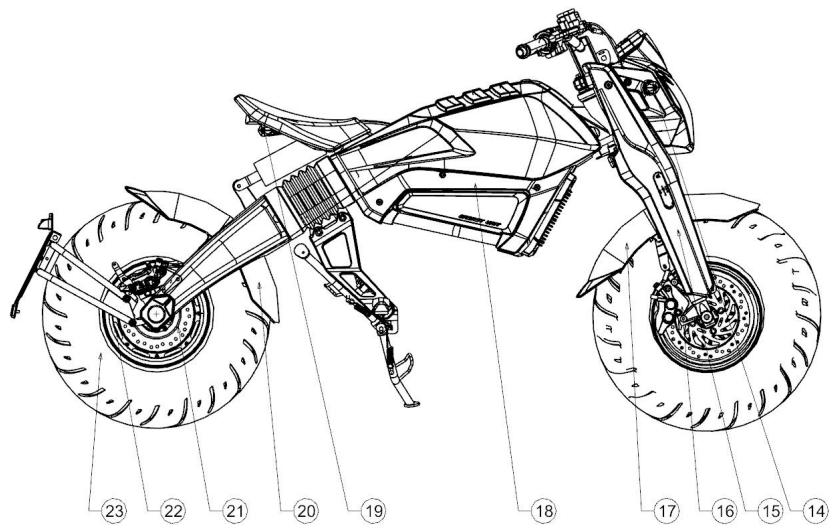


Position of Parts



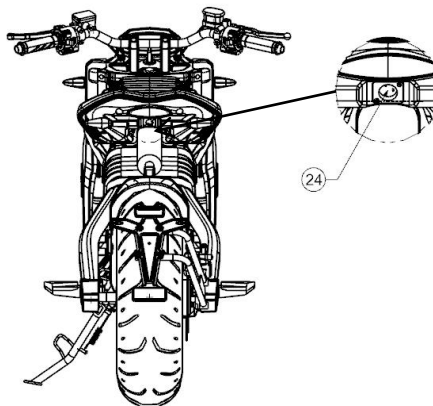
**Left Side View**

- ① Headlight
- ② Left turn signal
- ③ Front wheel
- ④ Controller
- ⑤ Battery tank
- ⑥ Side bracket
- ⑦ Pedal
- ⑧ Main bracket
- ⑨ Seat
- ⑩ Rear left turn signal
- ⑪ Stop lamp
- ⑫ Rear shock absorber
- ⑬ License Plate



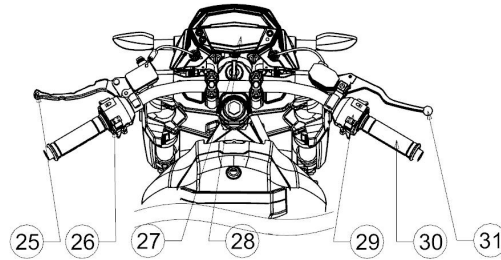
**Right Side View**

- ⑭ Right turn signal
- ⑮ Front shock absorber (inside)
- ⑯ Front brake
- ⑰ Front fender
- ⑱ Battery (inside)
- ⑲ Rear right turn signal
- ⑳ Rear fender
- ㉑ Rear brake
- ㉒ Motor
- ㉓ Rear wheel



**Rear Side View**

②④ Charge interface



**Front Body of Electric Motorcycle**

- ⑳ Rear brake handle
- ㉑ Left combination switch
- ㉒ Ignition switch
- ㉓ Meter
- ㉔ Right combination switch
- ㉕ throttle
- ㉖ Front brake handle

### Instrument and ignition switch

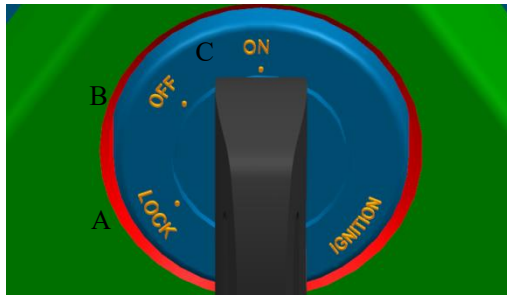


It consists of two parts, the upper part is used to display electricity, and the lower part is used to display information such as speed.

This is a three-position switch with the following positions: Steering lock (A) OFF (B) ON (C); Using the steering lock when parked prevents unauthorized use and helps prevent theft.

### To operate the steering lock:

1. Turn the handlebar all the way to the left.
2. With the key in the OFF position, push the key down.



3. and turn the key counter-clockwise.
3. Remove the key.

### To unlock the steering lock:

1. Install the key and turn clockwise.
2. Remove the key.

### OFF Position

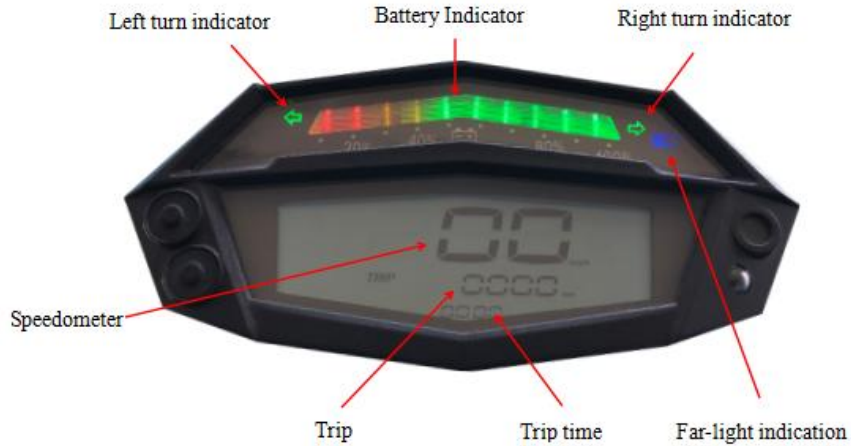
This position is used to turn the motorcycle OFF, disabling the electrical system.



### **ON Position**

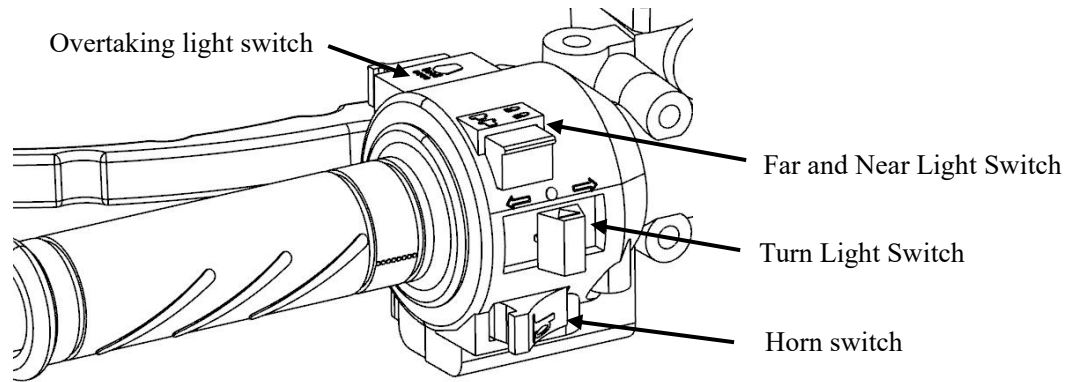
This position is used for operating the motorcycle. In this position the following sequence occurs:

- DRL turns ON
- Dash display turns ON



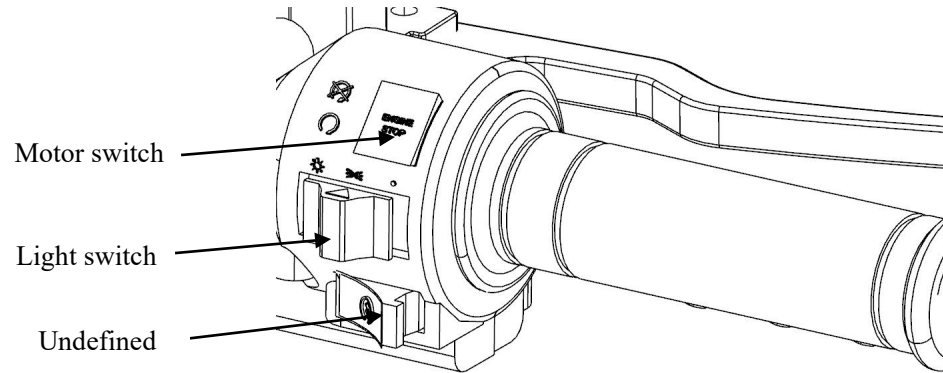
Electricity display decreases in turn from right to left. When battery power is less than 20%, please charge it as soon as possible.

## Combination switch



LEFT

## Combination switch



RIGHT

### General operations

This section describes how to safely operate your Beachmad.

#### **Starting**

1. Turn the key switch to the ON position.
2. Verify that the charge indicator reads fully charged.
3. Press the motor stop switch to the ON position.
4. With the side bracket(main bracket) up, twist the throttle toward you (counter-clockwise) to increase speed.

When the throttle is twisted away from you (clockwise), the speed decreases.

#### **Braking**

See page 19. ②⑤ and ⑥① represent the rear brake handle and the front brake handle respectively.

When they are squeezed, the disc brake starts to work. The stronger the extrusion, the more obvious the braking effect is. When braking, the throttle should be in the closed position.

### **Stopping**

1. With the throttle in the closed position press the motor stop switch to the OFF position. This switch can also be used in an emergency to shut the motor off.
2. Turn the key switch to the OFF position and remove the key. To prevent theft, the key should be removed anytime the motorcycle is left unattended.
3. Be sure to charge the power pack after each ride.

**Overtaking:** Please overtake when conditions permit, and use overtaking lamp. Overtaking lamp switch is located in front of left combination switch. See page 27.

### Charging and Batteries

The beachmad charging interface is installed under the seat (from the rear to the front of the electric motorcycle body). See page 18.

The interface of charger is three holes on the side to avoid misconnection of charging line.

When charging, please open the plug of the charging port (pull out a little and rotate) and align the charger interface with the charging interface of the electric motorcycle body. Then connect the charger to the AC power supply. When stopping charging, please disconnect AC first, then unplug charging interface, and finally turn the plug back.

#### Note:

① It is necessary to use a matching charger. Charger with different parameters may cause battery damage or even vehicle fire.

② Ignition switch must be disconnected before charging.

### Charger

Charger	Parameter
Input Voltage	AC 200-240V ( Depending on the region )
Frequency	50/60Hz
Output Voltage	67.2V
Output Current	5A

### Led indicator:

LED: RED	charging
LED:GREEN	charged

**CAUTION:** Check whether the AC voltage input by the charger is in accordance with the socket before use. Only indoor use and internal high-voltage non-professional personnel are prohibited from dismantling.



### Owner's Responsibilities

This owner's manual should be considered a permanent part of this motorcycle and should remain with it even if the motorcycle is subsequently sold.

- Perform routine care and maintenance of your electric motorcycle as detailed in this owner's manual.
- Use only Beach Mad approved parts and Beach Mad Motorcycles accessories.
- The operator is responsible for learning and obeying all country, federal, state, and local laws governing the operations of an electric motorcycle.
- Always wear a regionally approved helmet, goggles, appropriate boots, and all other appropriate safety equipment when operating an electric motorcycle.

## Parts/Maintenance Items

The proper replacement parts, fluids, and lubricants to use are listed in the table below.

<b>Part</b>	<b>Number</b>
<b>Headlight Bulb</b>	<b>LED (replace the entire unit)</b>
<b>Turn Signal Light Bulb</b>	<b>LED (replace the entire unit)</b>
<b>Brake/Tail Light Bulb</b>	<b>LED (replace the entire unit)</b>
<b>Brake Fluid</b>	<b>DOT4</b>

### Scheduled Maintenance

The required maintenance schedule that follows, specifies how often you should have your BeachMad Motorcycle serviced and what items need attention. It is essential to have your BeachMad Motorcycle serviced as scheduled to maintain safe, dependable performance.

The service intervals in this maintenance schedule are based on average riding conditions. Some items will need more frequent service if you ride in unusually wet or dusty areas. Consult your dealer for recommendations applicable to your individual needs and use. It is recommended that you have your Motorcycle serviced every 12 months by Dealer regardless of the distance ridden.

The scheduled maintenance must be performed in accordance with this chart to keep the BeachMad Motorcycle in top running condition. The initial maintenance is vitally important and must not be neglected. Where time and mileage are listed, follow the interval that occurs first.

# Warranty policy

Number	ITEM	ROUTINE	EVERYRIDE	INITIAL	INITIAL	ODOMETER MILEAGE READING			
				600 mi (1K km) or 1 month	4K mi (7K km) or 6 months	8K mi (13K km) or 12 months	12K mi (19K km) or 18 months	16K mi (25K km) or 24 months	20K mi (31K km) or 30 months
1	Brake Fluid	Check brake fluid level. Add brake fluid as necessary. Replace brake fluid (every 12 months).	√	√	√	√	√	√	√
2	Front Brake	Check operation, and for fluid leakage. Replace brake pads if necessary.	√	√	√	√	√	√	√
3	Rear Brake	Check operation, and for fluid leakage. Replace brake pads if necessary.	√	√	√	√	√	√	√
4	Wheels	Check run-out, and for damage. Replace if necessary			√	√	√	√	√
5	Tires	Check tread depth, and for damage. Replace if necessary. Check air pressure. Correct if necessary	√		√	√	√	√	√
6	Wheel Bearings	Check bearings for smooth operation. Replace if necessary.		√	√	√	√	√	√
7	Steering Bearings	Check for looseness. Repack with all-purpose grease		√	√	√	√	Repack	√
8	Chassis Fasteners	Check all chassis fasteners and fittings. Tighten and adjust as needed.			√	√	√	√	√
9	Front Shock Absorber Assembly	Check operation and for oil leakage. Replace if necessary.	√		√	√	√	√	√
10	Rear Shock Absorber Assembly	Check operation and for oil leakage. Replace if necessary.	√		√	√	√	√	√
11	Front Fork	Check operation and for oil leakage. Service/rebuild if necessary.	√		√	√	√	√	√
12	Throttle Grip	Check operation and free play.	√		√	√	√	√	√
13	Drive Motor	Commissioning and timing.		√		√		√	
14	Side Stand Pivots	Check operation. Apply silicon grease lightly.			√	√	√	√	√
15	Main Stand Pivots	Check operation. Apply silicon grease lightly.			√	√	√	√	√

### Electric Motorcycle Precautions

Your motorcycle has high-voltage components. The high-voltage used in these components are dangerous and can cause personal injury, severe burns, electric shocks and even fatal injuries unless appropriate preventive measures are taken. Do not touch, attempt to remove or replace any high-voltage parts, wires or connectors. If motorcycle accident occurs, do not touch any high-voltage wiring connectors or components to connect to the wiring.

Your motorcycle uses high voltage. System components can be too hot to touch during and after starting and when the motorcycle is shut off. Be careful of both the high voltage and the high temperature.

### Troubleshooting Your electric motorcycle

All of the motorcycles are carefully inspected before they are delivered. Even after the motorcycles are inspected, some technical issues can occur. The following information offers a guide to help you to identify an issue, and if possible, repair it yourself. If you are unable to solve an issue with your BeachMad electric motorcycle, take it to an authorized dealer at your convenience. If there is no dealer in your area call Velocifero Customer Service.

## General Troubleshooting

<b>SYMPTOM</b>	<b>POTENTIAL CAUSE</b>	<b>POTENTIAL SOLUTION</b>
Motorcycle does not turn on	Power Pack not charged. Key not properly engaged. Motor stop switch turned OFF.	Charge Power Pack. Recheck key in ignition, turn OFF/ON again. Press the motor stop Switch ON button.
Charger not working	Charger damage AC power supply is not suitable	Replacement of charger. Connect the correct AC power supply.
Handlebars wobbly (shimmy)	Tire Leakage ; Hub Deformation	Inflate ; replace hub.
	Deformed front tire.	Replace/balance front tire with the same tire supplied from the factory.
	Loose headset bearings.	Check and replace parts.

### Cold and Hot Weather Considerations

#### **Cold Weather:**

Cold weather operation of the motorcycle has no permanent impact on its power pack/cells; however, the rider may see a reduction in range due to the effect cold temperature has on the amount of energy the pack/cells can release. The colder the weather, the greater the effect;

It is not recommended that the motorcycle be ridden while its battery temperature is below -4°F (-20°C). If it is, its battery needs to be put on the charger at a temperature above 32°F (0°C) as soon as the ride is concluded.

Storage of the motorcycle for the winter in a non-heated garage is acceptable, as long as:

1. the coldest temperature in the garage does not fall below 14°F (-10°C).
2. the battery is drained to a ~60% state of charge prior to storage and you check its state of charge at least monthly and charge it back up to 60% if it has dropped below 30%.
3. the battery is initially topped off at a temperature above 32°F (0°C).



Storage temperatures below 14°F (-10°C) may result in accelerated permanent decay of the battery performance, and hence it is not recommended.

### **Hot Weather Operation:**

Operation of the motorcycle in hot temperatures should not result in any noticeable performance changes. However, it should not be used at temperatures higher than 113°F (45°C).

**Note:** Storing the motorcycle or its battery in direct sunlight in ambient temperatures above 104°F (40°C) may result in accelerated permanent decay of battery performance, and hence it is not recommended.

The following components provide quality assurance:

The content of the warranty	Guarantee time
Frame	1 year
Battery	1 year
Controller	1 year
Motor	1 year

### Non-warranty Ordinance:

- 1.Unauthorized maintenance, misuse, collision, negligence, abuse, infusion, accident, alteration, incorrect use of non-product accessories or tear, alteration of labels, anti-counterfeiting marks;
- 2.Over the warranty period;
- 3.Damage caused by force majeure.
- 4.Damage caused by human factors (including, but not limited to, traces and damage caused by vehicle fluid intake, tyre ligation, impact, normal use of exterior parts, etc.)
- 5.If this product is used for commercial use, it will not be guaranteed.