

# Magneto

ELECTRIC SCOOTER
USER MANUAL



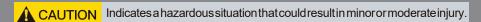


## **BEFORE READING MANUAL**

This manual contains important information to help you use your scooter in the safest way possible.

<b>⚠</b> DANGER	Indicates a hazardous situation that wi
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WARNING Indicates a hazardous situation that could result in serious injury.



Il result in serious injury.

## **BEFORE READING MANUAL**

✓ Please read this manual carefully before using this Scooter

# General safety guidelines and restrictions

Even if your scooter is within the warranty period, you may be liable for any accident caused by any of the following causes.



### 1. Be careful of water!

This product and components are **NOT** waterproof. Do not let water get into your scooter and components.

\*Never use your scooter if the road is wet due to rain, snow or hailstone.

\*If you wash your scooter the electrical components may be vulnerable for water ingress so please take extreme care when doing so as this can result in malfunction and/or permanent damage.



## 2. Beware of folding and moving parts!

If parts of the body, such as a finger or hair, get caught in the moving or folding parts of the scooter, this may lead to severe injuries. Please be careful.



#### 3. No stunts or tricks

Stunts and tricks such as jumping, wheel-stands etc are strictly prohibited as they can cause malfunction, permanent damage & increase risk of accidents resulting in injury.





This scooter is intended for one adult only, so children, infants, or two people are prohibited from boarding.

## 5. Self-maintenance



Do not open or modify any electrical component including but not limited to batteries, controllers or motors. Doing so will void your warranty. Changing of brake pads, tubes, tyres and other general **non-electrical** maintenance is encouraged.



## 6. Laws and regulations

Certain States and Territories of Australia either prohibit the use of, or have specific laws in place for the use of this Bolzzen scooter. Please comply with the applicable laws and regulations of your location and operate this scooter safely, legally and with enjoyment.



#### 7. Novice riders

Novice riders who are not experienced in riding electric scooters should avoid high speed mode riding and recommend low speed riding.



#### 8. Use of brakes

Sudden braking should be done safely. To do this you will need to apply equal amount of pressure to both front and rear brakes. Using excess pressure on the front opposed to the rear could result in the scooter overturning forwards.

With this in mind, it is certainly not recommended to only use the rear brakes which will reduce stopping power and cause uneven wear of your brake pads.



## 9. Riding on inclines

Acceptable gradeability is different for each scooter. Excessive inclines exceeding the specification may cause damage to the electrical components due to temperature cut, overcurrent or low voltage cut, which may cause the scooter to malfunction.



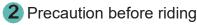
## 10. Safety warning when lifting the product

Please always lift the scooter with at least one other person. When lifting the scooter, please use correct lifting procedures to avoid injury.

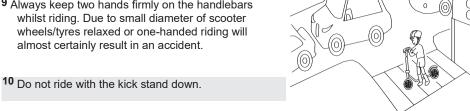


## 11. Safety gear

For your safety, be sure to wear a full face helmet and other protective gear (knees, elbows, hands, upper body) and do not wear inappropriate footwear such as thongs, high heels etc. that can hinder safe riding.



- 1 Night riding should be avoided where possible. If doing so, all scooter lights should be switched on and a high visibility vest is strongly encouraged.
- 2 Select the mode that best suits your riding ability. In order to handle sudden situations, be prepared to slow down and brake at all times.
- 3 When turning left / right, slow down to avoid the danger of overturning or slipping, then turn safely.
- 4 When crossing a pedestrian crossing, dismount and walk alongside the scooter.
- 5 Do not ride in a way that threatens any other means of transport, such as pedestrians, bicycles, motorcycles, cars and trucks etc.
- **6** When passing speed bumps and road obstacles, be sure to slow down.
- 7 When decelerating or braking, do not stop with your foot, but by using the brake appropriately.
- 8 Beware of the risk of burns due to heat from the motor and brake (especially disc rotor) after riding.
- **9** Always keep two hands firmly on the handlebars whilst riding. Due to small diameter of scooter wheels/tyres relaxed or one-handed riding will almost certainly result in an accident.



# **COMPONENTS LIST / DIAGRAM**



- 1. Handle bar grip
- 2. Right Brake lever
- 3. Display
- 4. Power and Mode buttons
- 5. Left Brake Lever
- 6. Handle Bar grip
- 7. Thumb Throttle
- 8. Stem Hook
- 9. Stem
- 10. Deck
- 11. Stem Hook Lock
- 12. Rear mudguard

- 13. Rear Suspension
- 14. Rear tail light
- 15. Hub Motor
- 16. Rear 10" Tyre
- 17. Kickstand
- 18. Stem Lock
- 19. Headlight
- 20. Front 10" Tyre
- 21. Front Suspension
- 22. Disc Brake
- 23. Charging Port

# **DISPLAY**

## Operation ON/OFF

Press and hold the POWER button to switch the display.

Short press the M button once (<1 second) to switch gears, a total of 3 gears (1 gear, 2 gear, 3 gear)

## Switch the display content

Short press the M button twice to cycle through the display content. Speed display (KM/H) > battery voltage (XX)-> accumulated mileage (ODO). Note: The accumulated mileage will continue to accumulate every time the scooter is turned off and on again.

## Light control

The headlight button turns both the headlight and the taillight ON/OFF. Note: The headlight on with icon on

## Battery undervoltage

When the battery undervoltage is detected, the last indicator of the power flashes, the scooter can still be ridden for a short distance, but it is recommended to charge scooter immediately.

## Cruise

When entering cruise control, the current speed unit will flash. Adjust accordingly to set speed.

## **Brake status**

Brake warning. After the brake power-off switch fails, this sign will always be displayed.

# **WARRANTY TERMS & CONDITIONS**

- The Bolzzen warranty does not cover the following:
- Damage caused by improper use, tampering, or modification
- Damage caused by not following the recommendations in this knowledge base
- Damage and breakages caused by accidents
- Damage or failure caused by intentional misuse of this product
- Bolzzen Scooters are NOT made for jumping, this will void warranty.
- Reasonable wear and tear on consumables (i.e., tires and brake pads/discs)
- All Bolzzen scooters have a water IP rating but this DOES NOT allow for such things as – use in medium to heavy rain and hosing. Water damage only occurs when this has not been followed and therefore voids warranty.
- Warranty is not transferable. We recommend only buying from our authorised dealers.
- Warranty claims must be made through your authorised Bolzzen retailer.

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• Each warranty claim is subject to Bolzzen approval based on evidence and advice provided to us by our own technicians, and/ or supplier, repairer network.

 All Bolzzen scooters come with a unique serial number. This is the buyers responsibility to keep a record of for cases of theft. Bolzzen do not store this information.

MOTOR	12-Months From Purchase	
ACCELERATOR MODULE	12-Months From Purchase	
CONTROLLER MODULE	12-Months From Purchase	
CHARGER	12-Months From Purchase	
BATTERY	12-Months From Purchase	
FRAME	12-Months From Purchase	

# **BATTERY WARNINGS & MAINTENANCE**

The battery in your Bolzzen Electric Scooter is a complicated bit of kit. Taking care of it will ensure a safe, long life with lots of fun and no problems!

#### **BATTERY WARNINGS**

Only use the supplied, or authorised Bolzzen charger. MUST be the correct voltage to avoid damage or possible battery fire. Only charge your scooter under supervision AT ALL TIMES in a well-ventilated area- leaving any lithium battery un-supervised whilst charging is not advised. This includes overnight charging. If you have any damage to your battery it is no longer safe to charge.

#### **BATTERY TIPS**

Fully charge the battery before the first ride Only use the supplied, or authorised Bolzzen charger Don't charge, or store your Bolzzen Electric Scooter in temperature extremes. A happy temperature range for Lithium batteries is between -20°C and 50°C

Before storing your Bolzzen Electric Scooter for an extended period of time, charge to 80% and make sure to give it a charge ever 60-days or so to keep it from dropping below minimum voltage

#### WARRANTY VOIDING ACTIONS

We have an extensive network of technicians and dealers that's only getting bigger. Please don't try and work on the battery or electricals yourself. This can pose a serious safety risk and will void your warranty.

Never attempt to open or dismantle the battery. Doing so will cause a safety risk and will void your warranty

Never expose the battery to water or excessive moisture. Doing so will cause a safety risk and will void your warranty Never bridge the battery terminals or touch them with metal.

Doing so will cause a short-circuit safety risk and will void your warranty

Never let the battery fully discharge, this can lead to irreversible damage.

## **NOTES**