



# ***BOLZZEN*** **GLADIATOR**

# Welcome.

Firstly, might I congratulate you on picking up one of Australia's most advanced Adult Electric Scooters from one of Australia's quickest growing, dedicated, and aspirational eBike and eScooter brands – Bolzzen!

You've already bought the Bolzzen Gladiator, so I don't have to go through the specifications again, just know that you're in for a great time and a whole lot of fun out there!

Secondly, I, and the entire Bolzzen team want to let you know that we're committed to your after-sales support and care.

Please have a read through this quick manual before setting off on your first adventure. Being an Australian brand, in Australia, we really appreciate your support and can't wait to see what you get up to on your all-new Bolzzen Gladiator!



Christian Muller  
Director  
Bolzzen



KEEP YOURSELF, AND OTHERS SAFE.

# Safety Precautions. Cautions and Warnings.

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



Please do not dispose of the battery contained in this product with general house-hold waste or recycling. Improper care in the disposal of Lithium batteries can cause **danger and severe ecological issues**. Please follow responsible disposal guidelines that can be obtained by contacting your local council.

**Tampering with, or opening the battery of this product, unless authorised or trained, is not recommended due to safety risks, and almost definitely void your products' warranty.**

This product was sold into the Australian market and can only be charged using Australian power socket. Improper use can, and will, cause damage and potential injury. **This product is intended for use only in Australia.**

Bolzen Gladiator

# What's In The Box?

You feel that right? That excitement, that buzz that can only come from the knowledge that you're about to unbox something so freaking awesome! We get it. In your Bolzen Gladiator box you'll find the following items to get you going in no time!

- 1) Bolzen Gladiator
- 2) Charging brick, and cords
- 3) A Bolzen multi-tool
- 4) Rubber wheel nut covers (x4)
- 5) Welcome card with information to get to this manual (good job!)



Bolzen Gladiator



### Folding And Unfolding.

After you've unboxed all your goodies, now comes the time to unfold your Bolzen Gladiator and get it ready to rock! When it comes to folding and unfolding, everything's about the blue main clamps at the base of the stem.

To unfold, unlock these guys and pivot the stem upwards. Once in place, pull the sleeve down firmly until it reaches the bottom.

Then comes the **MOST IMPORTANT** part to eliminate **the dreaded stem wobble!** Tighten each clamp up nice and tight, but the secret here is to **go back over your work and retighten them both!** It's better to be safe than wobbly. Ensuring a tight fit delivers you a stem as solid as a rock!

# Getting Started.



Setting Up For Your First Charge.



→ **Pro Tip:**

There are two charge ports on the deck to enable two chargers, for double time charging!

→ **Warning:**

Make sure that the temperature isn't in the extremes (below 5°C or above 40°C) otherwise certain safeguards within the charger and battery will trigger and **the charging process will stop.**

### Setting Up For Your First Charge.

It's very important to make sure before your first ride, your Bolzen Gladiator has had a full charge. There is some juice in the battery from the factory, but not enough.

So, get your charger from the box, **plug it into the wall, turn it on and then carefully plug the charger into either of the deck mounted ports.** Ensure that you screw in the the charger to get a solid, safe connection.

The light on the charger should be **red** while charging and turn **green** once fully charged.

**BOLZEN**

# Getting Started.





ENJOY WITH SAFETY.

# Safety Gear.

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We want you having fun on your new Bolzen Gladiator, but we also want you to keep having fun! Safety gear is not only **required by some local Laws and Regulations**, but it also makes sure that **you're protected if things don't go according to plan.**

**Always ride** with an approved helmet that meets the Australian Standard, **AS1698:1988** and has the standard label showing.

Closed in shoes and, depending on your skill level, knee and elbow pads aren't a bad idea either.

ENJOY WITH SAFETY.

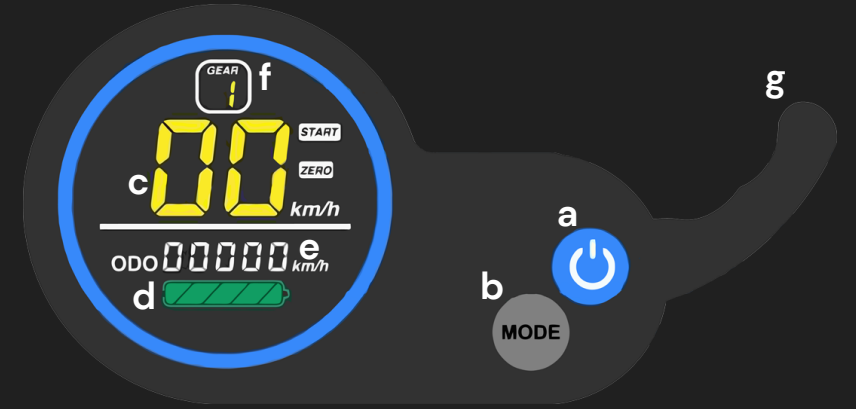
GET GOING – QUICKLY!

# Basic Operation.

Your new Bolzen Gladiator is fitted with handle mounted control screen.

This screen will show you certain information such as:

- a) Power Button
- b) Mode Button
- c) Speed (in km/h)
- d) Your Current Battery Charge Level
- e) Trip Information
- f) Current Power Level
- g) Speed Controller (accelerator)



Error Code	Status
0	No Error, All-good
1	<b>Not Used</b>
2	Brake Failure
3	Assist Sensor Failure (Cycling Sign)
4	6km/H Cruise
5	Cruise Control
6	Battery Undervoltage
7	Motor Failure
8	Display Failure
9	Controller Failure
10	Communication Receiving Failure
11	Communication Sending Failure
12	BMS Communication Failure
13	Headlight Failure





# Advanced Settings

P-Settings are used to control your Bolzzen Gladiator's Advanced Settings. To enter the P-Settings screen, press the **Power** and **Mode** buttons on the LCD controller simultaneously. After 5-seconds of no activity, the P-Settings menu will time-out and return to normal. Use the **Power** button to cycle through the menu and the **Mode** button to make changes.

GET GOING - QUICKLY!

P-Setting	Use	Recommended Value
P01	Backlight Brightness Level	3
P02	Speed Unit Selection	0
P03	Rated Voltage Selection	52 (for 5218) 60 (for 6021)
P04	Auto Shut Down Time (In Minutes) <small>If Your Bolzzen Gladiator Is Idle, It'll Auto Turn Off To Save Battery</small>	5
P05	<b>Not Used</b>	
P06	Wheel Size (In Inches)	10
P07	Number Of Magnets For Speed Detection	28
P08	Speed Limit Value (Percentage) <small>This Value Restricts Your Bolzzen Gladiator To The Australian Regulation 25km/Hr Top Speed</small>	34
P09	Zero Speed Start	1
P10	<b>Not Used</b>	

P-Setting	Use	Recommended Value
P11	EABS Switch Selection	1 is Default 0 = Off 1-5 = Weakest To Strongest
P12	Take Off Power/Torque Setting	3 is Default 1-5 = Weakest To Strongest
P13	<b>Not Used</b>	
P14	<b>Not Used</b>	
P15	Controller Undervoltage Value	42 (for 5218) 49 (for 6021)
P16	<b>Not Used</b>	
P17	Cruise Control	0 = Disabled 1 = Enabled
P18	<b>Not Used</b>	
P19	<b>Not Used</b>	
P20	Communication Protocol (Cannot Be Changed)	

Alright, now we're ready to take the Bolzen Gladiator out for its first ride!

We've unpacked, unfolded, fully charged, and have our safety gear! What's next?

GET GOING - QUICKLY!

### Power On.

Press and hold the Power Button for **3-seconds**. The screen will turn on. Note, if the Bolzen Gladiator doesn't move within 90-seconds, it'll automatically turn itself off.

### Take-Off Power/Torque Setting.

To change the amount of power the Bolzen Gladiator has on take-off, you'll need to:

- Press the Power and Mode button simultaneously. This will enter the P Settings menu, **but please be very careful not to make unnecessary changes as it can cause issues**. Press the Power button multiple times until you reach P12
- Now set the take-off power from 1(min) to 5(max), using the Mode button

### Speed Controller.

This is exactly what you think it is. When you're ready, use this lever as the accelerator; **pull back softly** and a lot of fun happens!

GET GOING - QUICKLY!

# Basic Operation.



PRO TIPS.

# Charging & Battery Hints.

The battery contained in your Bolzen Gladiator is a complicated bit of kit. Taking care of it will ensure a **long service life**, heaps of fun and little to no problems!

## Tips

- Fully charge the battery before your first ride
- Only use the supplied charger to charge your Bolzen Gladiator. Improper use or using an unauthorised charger can cause damage and injury **and will void your warranty**
- Don't charge or store your Bolzen Gladiator in temperature extremes. A happy temperature range for the Lithium battery is between  $-20^{\circ}\text{C}$  and  $50^{\circ}\text{C}$
- Before storing your Bolzen Gladiator for an extended period, charge to 80%, and make sure to recharge every 60-days

## Warranty Voiding Actions

- **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
- Letting the **battery fully discharge** can lead to irreversible damage





UPKEEP AND MAINTENANCE.

# Maintenance.

The proper care and maintenance of your Bolzen Gladiator not only keeps it in its best condition for as long as possible, but it also is important for warranty and the long working life of its components.

## Adjusting Shaking Handlebars.

Throughout its use, the handlebars of your Bolzen Gladiator may become loose and start shaking. Fixing this is as simple as **tightening the nuts on the blue main clamp twice each.**

## Cleaning Your Bolzen Gladiator.

A squeaky-clean eScooter is a happy eScooter. When using water and detergents to clean your eScooter, make sure that the **USB and charging ports are always closed.** This'll stop any water or moisture going anywhere it's not supposed to →



UPKEEP AND MAINTENANCE.

# Maintenance.

## Adjusting The Brakes.

Your Bolzen Gladiator is fitted with Hydraulic Brakes. This means, you'll be experiencing fantastic breaking performance, and you don't really need to tweak or change them very often at all!

Keep to your servicing schedule and make sure your Bolzen Gladiator is being serviced at least every 1,000kms and you should have many fun, safe adventures!

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## Keeping it Tight.

Over time and distance, some components of your Bolzen Gladiator may become a little less tight than they should be. We recommend at least once a month (for avid riders), take a run around your Scooter with the Bolzen Multi-tool and make sure all screws and bolts are tight and secure – **but be sure not to over tighten, if it feels too tight, it probably is.**

## Conditions Of Warranty.

As with everything, your Bolzen Gladiator comes with a **conditional warranty**. Please see the below points and notes.

For a complete, and up-to-date copy of Bolzen Warranty Terms and Conditions, please see our website [www.bolzen.com](http://www.bolzen.com).

The Bolzen Warranty **does not cover**:

- Damage caused by improper use, tampering, or modification
- Damage caused by not following the recommendations in this OWNER'S manual
- Damage and breakages caused by accidents
- Damage or failure caused by intentional misuse of this product
- Reasonable wear and tear on consumables (i.e., tyres and brake pads/discs)

Warranty claims **must be made through Bolzen directly, or through an authorised**

**reseller/servicer of Bolzen products.**

Products **must be registered with Bolzen** including owner contact information and product Serial Numbers (if applicable).

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

AFTER-SALES SUPPORT.

# Warranty Info.

Bolzen is **committed to the After-Sales support of your Bolzen Gladiator.**

Please note the below Warranty information for your Bolzen Gladiator.

MOTOR	12-months from purchase
ACCELERATOR	12-months from purchase
CONTROLLER	12-months from purchase
CHARGER	12-months from purchase
LITHIUM BATTERY	12-months from purchase
FRAME	12-months from purchase

***BOLZEN***

**Thanks For Your Support.**