

BOLZZEN **COMMANDO.**



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 Commando, 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 Commando!



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 Bolzen 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 Commando

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 Commando box you'll find the following items to get you going in no time!

- 1) Bolzen Commando
- 2) Charging brick, and cords
- 3) Welcome card with information to get to this manual (good job!)



Bolzen Commando



Folding And Unfolding.

After you've unboxed all your goodies, now comes the time to unfold your Bolzen Commando and get it ready to rock! When it comes to folding and unfolding, it's never been easier!

To unfold, place your Commando on the ground, place some downward force on the deck and raise the stem upwards. You'll reach a point where the locking bar slips into place, now pull down the secondary security clip to lock the handle in place.

To fold, again place some downwards pressure on the deck, lift the secondary security clip, and push the stem forward a little and pull the hook at the bottom of the stem, this will release the locking bar allowing you to fold your Commando.

If your stem feels a little wobbly, or unsecure, please make sure to double-check that the locking bar is seated **fully** in its recess. Doing so will provide you with a very solid Commando.

Getting Started.



Setting Up For Your First Charge.



—————> **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 Commando 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.

We want you having fun on your new Bolzen Commando, 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 full-face helmet that meets the Australian Standard, **AS1698:1988** and has the standard label showing. This is best for spirited riding.

Closed in shoes and, depending on your skill level, knee and elbow pads are **highly recommended.**

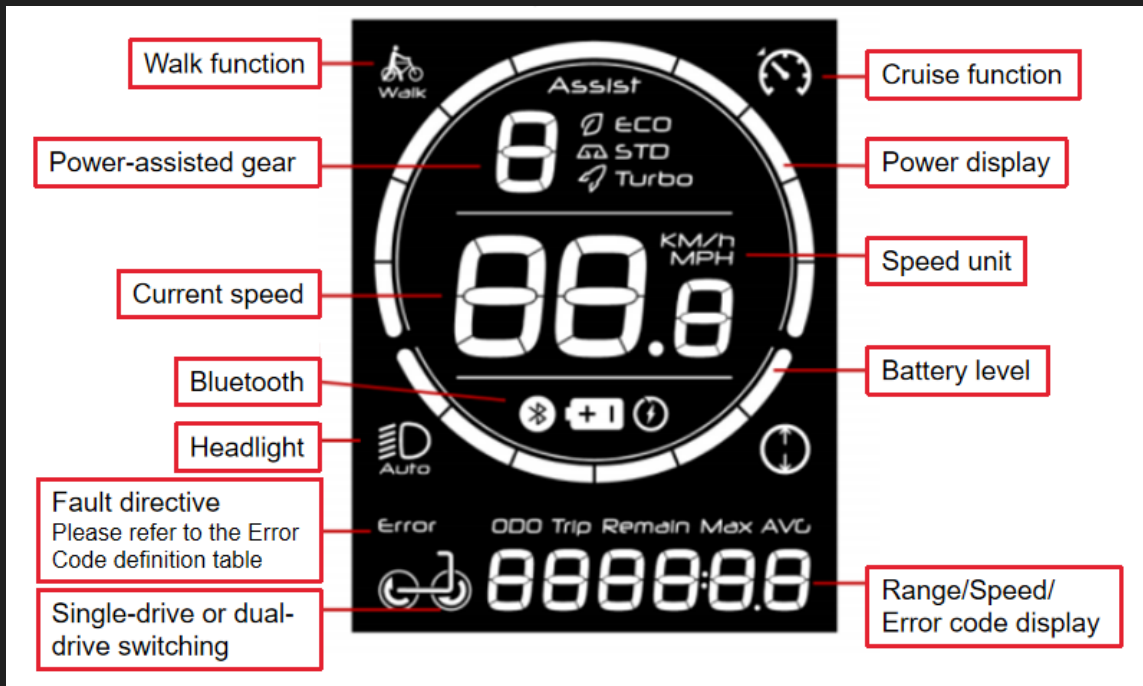
ENJOY WITH SAFETY.

GET GOING – QUICKLY!

Basic Operation.

Your new Bolzen Commando is fitted with an all-new, easy to read HUD.

GET GOING – QUICKLY!



GET GOING – QUICKLY!

Common Error Codes

GET GOING – QUICKLY!

Error Code	Status
0x04	The Accelerator Is Not In Position (at a high position)
0x05	Accelerator Fault
0x06	Under Voltage Protection
0x07	Over Voltage Protection
0x08	Motor Hall Line Fault
0x09	Motor Phase Line Fault
0x11	Motor Temperature Sensor Fault
0x12	Current Sensor Fault
0x13	Battery Temperature Fault
0x14	Controller Temperature Fault
0x15	Temperature Sensor Fault
0x21	Velocity Transducer Fault
0x22	BMS Communication Fault
0x23	Headlight Fault
0x24	Headlight Sensor Fault
0x25	Torque Sensor Torque Signal Fault
0x26	Torque Transducer Speed Fault
0x30	Communication Fault





Error Code	Status
100	Rear Motor Malfunction
101	Front Motor Malfunction
200	Throttle Malfunction
300	Controller Malfunction
400	Brake Malfunction
500	Under Voltage Malfunction
600	Communication Malfunction; The Meter Cannot Receive A Signal From The Controller
700	Communication Malfunction; The Controller Cannot Receive A Signal From The Meter



GET GOING – QUICKLY!

Basic Operation.

GET GOING – QUICKLY!

Button	Operation	Function
	Long-Press for 3-seconds	On The Home Screen, Enters The Menu Setting
		In The Setting Screen, Returns To The Home Screen
	Short Press	On The Home Screen, Turns Dual Motor Mode On Or Off
		In The Setting Screen, Switches The Options
	Long-Press for 3-seconds	No Function
	Short Press	On The Home Screen, Changes The Gear Up
In The Password Screen, Increases The Value		
	Long-Press for 3-seconds	On The Home Screen, Activates The Walk Function
	Short Press	On The Home Screen, Changes The Gear Down
In The Password Screen, Decreases The Value		
	Long-Press for 3-seconds	On Any Screen, Turns The Display Off
	Short Press	Turn Your Commando On
		On The Home Screen, Turns The Headlight On Or Off
		In The Password Screen, Switches The Password Digit



Master Code is: 1111
After entering, short press mode to continue.

Advanced Settings

P-Settings are used to control your Bolzen Commando's Advanced Settings. To enter the P-Settings screen, **Long-Press the "M" button**. Follow the button layout in the previous page to navigate.

GET GOING – QUICKLY!

P-Setting	Use	Recommended Value
P0	Speed Unit (KMPH/MPH)	KM/H
P1	Password Entry Screen	1159
P2	Password Function (For Power On)	On
P3	Change Password Function	Please Remember The New Password. <i>If You Forget Your New Password, Long-press "M" And "-" Buttons For 2-seconds To Reset Password To Factory</i>
P4	Wheel Diameter Setting	10
P5	Battery Voltage Setting	48
P6		Not Used
P7		Not Used
P8	Zero Start	Off
P9		Cruise Control <i>(After Turning On, Holding The Accelerator At A Steady Level For 2 Seconds And Cruise Will Be Set. To Cancel Cruise, Switch Down A Gear, Or Long-press "M")</i>
P10	Speed Limit	Options are On of Off for the 25km/hr Speed Limit

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

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

GET GOING - QUICKLY!

Power On.

Short press the Power Button.
Your display will light up and you're ready to go!

Zero Take-Off

P8 is the setting that controls if you can take-off under the Commando's power, of if you need to start with a little kick first.
Enter your P-Settings and verify if P8 is set to **ON** or **OFF**.

Thumb Throttle.

This is exactly what you think it is. When you're ready, use your right thumb to slowly push down on the lever. The Sine Wave Controller used in the Commando will deliver you smooth power.

GET GOING - QUICKLY!

Basic Operation.



PRO TIPS.

Charging & Battery Hints.

The battery contained in your Bolzen Commando 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 Commando. Improper use or using an unauthorised charger can cause damage and injury **and will void your warranty**
- Don't charge or store your Bolzen Commando in temperature extremes. A happy temperature range for the Lithium battery is between -20°C and 50°C
- Before storing your Bolzen Commando 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.

Maintain Tyre Pressure.

Keeping your Commando's tyre pressure at 45PSI will reduce the risk of the tube being pinched and causing unnecessary punctures. So it is a great idea to get yourself a reliable pump and gauge so that this important maintenance step is always done.

Ensure Rock-Solid Handlebars.

The folding mechanism on the Bolzen Commando is designed to be strong, secure and simple to use. Always ensure that the Locking Bar is seated fully in its recess before heading out.

Cleaning Your Bolzen Commando.

A squeaky-clean eScooter is a happy eScooter. When using water and detergents (sparingly), to clean your eScooter, make sure that the **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 Commando is fitted with Hydraulic Brakes. This means, you'll be experiencing fantastic braking 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 Commando is being serviced at least every 1,000kms and you should have many fun, safe adventures!

Keeping it Tight.

[Dale to write/word maintenance guide]

Conditions Of Warranty.

As with everything, your Bolzen Commando 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.

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.

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 Commando**. Please note the below Warranty information for your Bolzen Commando.

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



BOLTZEN

Thanks For Your Support.