GSPACE

User Manual

BEFORE YOU START

It is important to read through, understand, and adhere to all the instructions and safety warnings in this manual before charging and operating this scooter.

Upon receiving and opening your box, please inspect the contents for signs of damage or loose screws from transport. If something doesn't feel right, please take a few pictures and contact your place of purchase immediately.

Your scooter comes with a 180-day limited warranty against manufacturing defects. In case of any issues beyond this time frame, we will still help you but we may need to charge for spare parts or repairs.

Make sure you understand and adhere to local rules and regulations for riding electric scooters. Riding an electric scooter comes with inherent risks and hazards. To minimize the risk of falling or being injured, make sure you understand how to operate and control this scooter safely.

Always use good judgement, common sense, and protective gear.

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GENERAL SAFETY WARNINGS

Always wear a helmet and protective safety equipment when riding.

Wear closed shoes without heels and ensure your laces are tied.

Do not ride with more than one rider or exceed the weight limit of 120kgs / 265lbs in any other way.

Only use your scooter in line with its intended purpose.

Check your scooter for any loose parts or screws, flat tires, signs of damage or excessive wear before every ride. Stop operation immediately and contact your place of purchase if something does not feel right.

Start riding slowly to familiarize yourself with the operation of your scooter. Start in Gear 1 and slowly try out the brakes. Always slow down when riding over bumps or on rough road conditions. Keep the scooter away from children. It is not a toy. Riders must be age 16+ only.

Do not use your electric scooter in heavy rain, or on surfaces covered by more than ½ inch of water. Do not submerge the scooter in liquid or let any liquid near the battery or electrical components.

Do not lend your scooter to anybody unfamiliar with its operation. Ensure any new riders are familiar with these instructions and are wearing proper safety gear.

Once riding in public space, you are subject to the risks faced by all traffic participants just like when you are riding a bike.

- Other traffic participants may not obey traffic regulations or may ride carelessly. The faster you ride your scooter, the longer it will take you to stop.
- The scooter may slip on slippery surfaces leading to subsequent injuries to the rider. Pay special attention crossing train tracks and/or when it is wet.
- Due to the slippery road surface in wet weather, it will take longer to stop, pay special attention when riding in wet weather.
- Always use caution, adapt your speed to road and traffic conditions and keep distance from other traffic participants.

- Watch out for pedestrians. Do not use your scooter in any way that could harm pedestrians. Slow down when you are passing them to avoid accidents.
- You must follow all local traffic rules and regulations.
- Always check the lights and road conditions when riding in the night.
- Different materials and components react to wear and fatigue differently. The appearance of cracks, scratches or change of color on the components means that their expected life span exceeds, please change them immediately. The electric scooter will break down and harm the rider under such conditions.

OVERVIEW OF VENUS

What's in the Box

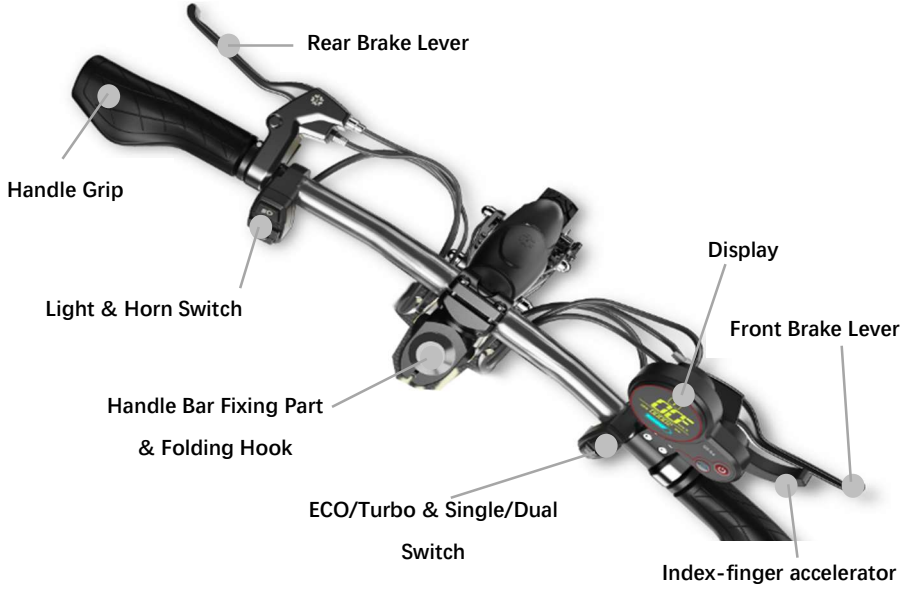
		
Electric Scooter*1	**User Guide*1**	**Charger*1**
		
Lightstrip Controller*1	**Screwdriver Set*1**	

Technical Specifications

Version Name	Venus 8.5 ECO COMFORT	Venus 8.5 ECO800	Venus 8.5 PLUS
Configuration	48V10Ah	48V 13Ah	48V 13Ah
Motor Power	Brushless Motor 600 W	Brushless Motor 600 W	Brushless Motor 600 W * 2
Top Speed	40 km/h=25 mph	45 km/h =28 mph	50 km/h=31 mph
Range	Around 30 KM=19 miles	Around 40 KM=25 miles	Around 40 KM=25 miles
	(75 kgs load, 25km/h flat street continous riding basis)		
Climbing Ability	<20 °	<25°	<30 °
Charging Time (with 2A * 1 charger)	Around 5 hrs	Around 6.5 hrs	Around 6.5 hrs
Brake	disc brake +EABS (120mm)		
Light System	LED headlight + stem light + front turn signal*2 + deck light + rear turn signal*2 + LED taillight		
Controller	Sine Wave		
Tyres	8.5 inch x 3.0 pheumatic, 80 mm wide		
Display	LCD Intelligent Display (battery power, single mileage, total mileage, service time, speed display, charging mode)		
Product Material	handle, frame, bar material 6061- T6 aluminum alloy and 6082- T6 aluminum forging, Cover PP		
Net weight	21.2kg	21.8kg	24.9kg

Version Name	Venus 8.5 PRO	Venus 8.5 PRO+
Configuration	52V 20Ah	52V 20Ah
Motor Power	Brushless Motor 800 W	Brushless Motors 800W * 2
Top Speed	50 km/h=31 mph	50 km/h=31 mph
Range	Around 80KM=50 miles (75 KGS load,25 km/h flat road continous riding basis)	
Climbing Ability	<30 °	
Charging Time (with 2A*1 charger)	Around 10 hrs	Around 10 hrs
Brake	disc brake +EABS (120mm)	disc brake +EABS (120mm)
Light System	LED headlight + stem light + front turn signal*2 + deck light + rear turn signal*2 + LED taillight	
Controller	Sine Wave	
Tyres	8.5 inch x 3.0 pheumatic, 80 mm wide	
Display	LCD Intelligent Display (battery power, single mileage, total mileage, service time, speed display, charging mode)	
Product Material	handle, frame, bar material 6061- T6 aluminum alloy and 6082- T6 aluminum forging, Cover PP	
Net weight	22.9kg	25.9kg

Key Components





CHARGING AND BATTERY SAFETY

Charging the Venus

(Scan the QR code to watch instruction video on YouTube)

1. Turn your electric scooter off.
2. Locate the charging port.
3. Open the charging port-cover.
4. Connect the charger to the electric scooter's charging port.
5. Plug in the charger to the wall power outlet.

The LED on the charger will turn red while charging and turn green when the electric scooter is ready for use. Remove the charger and cover the charging port. Charging time with the included 2A charger is 5 hours for the Venus 10 Ah version, 6.5 hours for Venus 13 Ah version and 10 hours for the Venus PRO 24 Ah version. Charging time with the included 4A charger is 2.5 hours for the Venus 10 Ah version, 3.5 hours for Venus 13 Ah version and 5 hours for the Venus PRO 24 Ah version.

Battery Maintenance

We suggest to charge your scooter after every use. This is not required but recommended.

A lithium-ion battery is a consumable device. Please replace with a new battery once capacity drops below 50% of what you experienced initially. Contact your place of purchase for a replacement.

Make sure the battery is charged and that the scooter is turned off before storing your scooter for extended periods at a time.

Store your scooter in a dry and cool place. Do not keep it outdoors or in outdoor sheds for extended periods of time, as excessive cold temperatures, heat, sunlight, rain, or other environmental conditions may impact safe operation and reduce the scooter’s lifespan.

Charge your battery at minimum every 3 months to prevent it from running completely empty. Once the battery runs completely empty due to slow discharge while in storage, it may have to be replaced.

Batteries perform poorly at low temperatures. For instance, if the temperature is around 0°F (-18°C), battery capacity reduces by 50%. Capacity will restore to normal when temperatures rise.

Battery life and riding ranges will vary depending on usage, climate, road conditions, rider’s weight, and/or riding style, proper care, and maintenance.

Battery Disposal

Do not dispose of your battery by way of landfilling, incineration, or household trash.

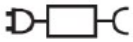
We recommend disposing your battery through a local recycling program suitable for lithium-ion batteries. Contact your local waste management service for more information.

Mishandling of used batteries may do tremendous harm to the environment. You must abide by local laws and regulations to properly dispose of used batteries.

Charging Warnings and Battery Safety Warnings

- Use caution when using outlets to prevent electric shock.
- Do not leave the charger plugged in for extended period of times (>24 hours).
- Only charge your scooter in a safe, clean, and dry environment. Keep the charger and scooter away from inflammable materials as they may get hot.
- Only use the original battery packs and the original charger supplied with your electric scooter. Contact your place of purchase if you need a replacement. Use of other models or brands may not be safe.
- Do not touch any part of the USB charging prongs and keep them away from metal objects to prevent short circuiting which may result in battery damage or physical injuries, and/or death.
- Do not place the battery in direct contact with heat or near high temperatures. Do not expose the battery to direct sunlight. Do not leave the scooter in a car where the battery might get hot.

- Do not pierce the battery with sharp objects. Do not subject it to impact or force.
- Stop charging if the battery fails to recharge within the approximate charging time. This will prevent the battery from overheating, rupturing, or igniting.
- Do not charge the battery in temperatures below 32°F (0°C) or above 104°F (40°C) as this can hamper performance, result in breaking, overheating, rupturing, or igniting and could cause personal injury or property damage.
- Do not charge your scooter if the charging port on the scooter is damaged or wet. Do not charge if there is excessive heat, odor or leakage coming from the battery or it looks abnormal in any way.
- If the battery leaks and you accidentally get in touch with the liquid, rinse immediately and thoroughly with water and then seek medical care.
- Never attempt to disassemble, modify, perform repairs or maintenance on the battery. You run the risk of damaging the protective and safety components that prevent incidents, personal injury or property damage.
- Mishandling or misuse of the battery can result in lower performance, shorter lifespan, rupturing, igniting, or other incidents and could increase the risk of serious personal injury.
- Do not discharge the battery with any other product than the scooter it comes with. Doing so could result in damage to the other product or the battery, and reduced lifespan of your scooter. The battery could overheat, rupture, or ignite and cause personal injury or property damage.



Rated Capacity: 48V ⎓ 10AH Input: 54.6V ⎓ 2A

WARNING! Please turn on the vehicle when charging!

WARNING! Do not charge the flooded scooter and check with a professional!

WARNING! Do not charge the scooter when no one is present or while sleeping!

WARNING! Do not charge the scooter when you find an electric shock and check with a professional!

WARNING! Do not charge or leave the battery storage under a high-temperature above 45°C!

WARNING! Do not touch the charging port with wet hands!

WARNING! Do not charge near fire!

WARNING! Do not use the pressure washer to wash the scooter!

OPERATIONS

Assembling Venus

Carefully open the box and take the scooter out with both hands. Do not pull the handle bar out by itself, as it is attached to the rest via the cable work. Also pay attention not to lose the metal plaque which you will need to screw on to secure the handle bar to the steering bar.

1. Place the scooter on the floor and secure it by pulling out the **kickstand**.
2. Lift the steering bar into a vertical position and lift the locking buckle up so that the steering bar connects to the board. Before every ride, make sure the buckle is locked tightly. Pay attention that the handle post is not yet fixed to the steering bar but only loosely connected via the cable work.
3. Place the handle bar onto the steering bar and screw the metal plaque onto it with the screws and screwdriver set provided.
   For the most comfortable riding position, we recommend you place the handlebar in the most upward position when tightening the screws.
   (Scan the QR code to watch instruction video on YouTube)

Folding Your Scooter

***Always pull out the kickstand before folding the scooter to ensure it won't fall off.**

1. Hold the steering bar with one hand and lift the locking buckle upwards with the other hand.
2. Fold the handle post downwards until the folding hook touches the rear deck and lock it with the hook in the deck. This will lock the handle post in folded position and enable you to carry your scooter with hands while folded.

Your First Ride

Before using your scooter, make sure to visually inspect it for any signs of damage or loose parts/screws. Every scooter is individually tested before shipping from the factory, but we recognize that it has travelled far and in rare cases, it can get damaged during transport. If something does not feel right, contact your place of purchase before riding your scooter.

Pull the brake levers and ensure there is sufficient tension on the brakes BEFORE your first and any subsequent ride.

- Ensure you have sufficient run way ahead of you. Do not use the scooter indoors.
- Make sure the buckle that connects steering bar and board are locked tightly.
- Put both of your hands on the handle bar.
- Do not hang anything on the handle while riding because it will influence the balance of the scooter and cause personal injury or property damage.
- Step with one foot on the scooter, kick it lightly with the other foot to bring it slightly in motion.
- Step with your second foot onto the board, hold on tight and pull the accelerator.
- Do prepare for strong acceleration and start slowly.

Braking Correctly

The Venus scooter has dual front and rear disc brakes.

For braking, use the rear brake (the left braking lever on the handle bar) first for decelerating before engaging the front brake (the right lever) to come to a full stop.

When travelling at high speed, exercise caution when braking as the brakes are sensitive. This is especially true for the front brake as you risk falling over the handle bar if your center of gravity is too high while performing a hard stop with the front brake alone.

Mechanical Disc Brake Check

Pull the brake lever and ensure there is sufficient tension on the disc brake before riding. Check frequently to ensure brakes are working properly.

(Scan the QR code to watch instruction video on YouTube)

In case there is not sufficient tension on the brake, you can tighten it a little with the barrel adjuster (the plastic turning bolt at the end of the brake cable, just before it enters the caliper):

- To increase brake tension, turn the barrel adjuster backwards so that the caliper arm moves closer to the barrel adjuster.
- Don't forget to tighten the nut afterwards so that the barrel adjuster stays safely in place.

If this does not do the trick or you have any doubts or concerns, please reach out to your place of purchase.

DISPLAY & KEY SETTINGS

Turn Signal / Mode Switch



The switch has the following functions: **light, turn signal, and horn button**.

When the **light button** is pressed, the front and rear deck light will turn on.

When the **turn signal** button is pressed, the front and rear deck light will turn on and flash.

When the **horn button** is pressed, the horn will start to work.

When multiple buttons are pressed, the priority for the function from highest to lowest is turn signals, brake, and then light.

Driving Mode Selection



Located underneath the main display on the right side of the handle bar, you can find two switches to control driving modes:

The **ECO/TURBO switch** regulates the power of your scooter. By pressing down the button, the indicator light is on, which means TURBO mode is activated and there is no restriction of power. When the button is not pressed, ECO mode is activated, which will reduce torque and top speed to maximize range.

The **SINGLE/DUAL switch** toggles between single or dual motor drive. By pressing down the button, the indicator light is on, which means DUAL (both front and rear) motor drive is activated. When the button is not pressed, only SINGLE (rear) motor drive is activated.

For Maximum range, select ECO mode and SINGLE motor drive. While for maximum power and speed, select TURBO mode and DUAL motor drive.

Display Settings

The Venus scooter is equipped with the following display:



Gear change. To change the Gear (1=slow, 2=medium, 3=fast), while the scooter is powered ON, press power button [3] first, then press Mode Button [5] to switch between Gears.

- Speedometer [1]: Shows the speed at which you are travelling.
- Battery Indicator [2]: Shows the level of your battery. Charge your scooter frequently, and do not let it run out. As a rough guideline, charge at or below 2 bars.
- Power Button [3]: To turn the scooter on or off, press the button for 2 seconds.
- Accelerator [4]: Pull to accelerate. The stronger you pull, the faster it accelerates. The scooter is delivered in “Non-Zero Start” default setting (Kick-And-Go is ON), i.e., the accelerator only works if the scooter is already in motion.
- Mode Button [5]: Press to select various display options, detailed options are shown in the below chart:

MODE	Description
TIME	Time since powering on the scooter.
TRIP	Distance travelled since powering on the scooter.
ODO	Total distance travelled.
VOL	Current battery voltage.
CH2:00	Charging mode. Time (2 hours) scooter stays ON (overrides auto -switch off) so you can use the display’s USB port to also charge things, such as your phone.

Detailed P-settings mode. To access P-settings to make various advanced changes, press POWER [3] and MODE [5] simultaneously for 2 seconds, then input the passcode 1500 to enter P-settings.

***1500 is the default 4-digit numeric passcode for all electric scooters and cannot be changed, press MODE [5] to input the number and press POWER [3] to jump to the next digit.**

(Scan the QR code to watch instruction video on YouTube)

Scan through the P-settings using the MODE button. To select a P-setting in order to make changes, press the POWER button. Change the value (up or down) using the MODE (Up) and POWER (Down) buttons. To return to the P-settings menu after changing a value, wait 2 seconds. To return to operating mode, wait a further 2 seconds.

P-SETTINGS	
P0	Tire diameter (8 for Venus 8, 10 for Venus 10). Do not change.
P1	System voltage. Default 48V/52V. Do not change.
P2	Motor magnetic pole setting. Default is 30. Do not change. (Venus 10) Motor magnetic pole setting. Default is 20. Do not change. (Venus 8)
P3	Speed signal selection. Default is 0. Do not change.
P4	Distance / speed unit. 0=km, 1=miles
P5	Start setting.1=non-zero start (Kick-and-Go), accelerator won't work if scooter is not in motion; 0=immediate start (CAUTION while using this)
P6	Cruise control. 0=cruise control OFF, 1=cruise control ON.
P7	Initial acceleration. 0=soft, 1=strong.
P8	Electric (regenerative) braking (E-ABS). 0=E-ABS off, 1=E-ABS on
P9	Speed limit as % of top speed, i.e., 100=no speed limit.
PA	Clear total distance travelled (ODO). Only work one time.
PB	Scooter auto-turn off time in minutes.
PC	Display brightness (1=low, 2=medium, 3=high)

Cruise Control [P6]. Cruise control allows you to maintain your driving speed automatically without continuing to hold down the accelerator. In order to enter Cruise Control, activate it first in the P-settings [P6].

While riding, keep the accelerator steady for a few seconds until Cruise Control kicks in and scooter travels at a constant speed without driver holding down the accelerator. When you activate the brakes, Cruise Control will be cancelled.

***CAUTION: Ride in a position where you can immediately access the brake to cancel Cruise Control if necessary.**

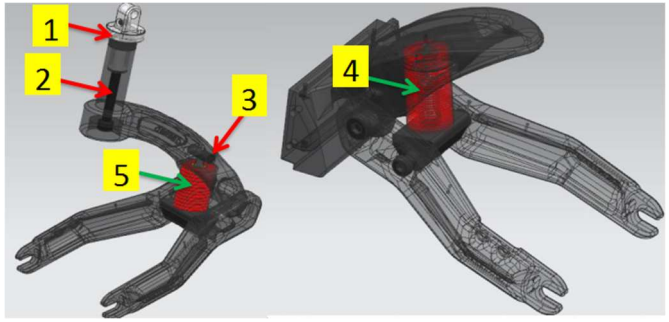
SCOOTER MAINTENANCE & TRANSPORT

Never perform maintenance on this product while the unit is powered on or charging. Always power off before performing maintenance. Do not attempt to perform repairs or modify the scooter by yourself but contact your place of purchase or refer to a professional repair facility.

Clean stains on your scooter's body with a damp cloth. Do not use alcohol, gasoline, kerosene, or other corrosive and volatile chemicals. Do not wash with high pressure cleaners. Make sure the scooter is turned off and unplugged during cleaning and ensure no moisture enters the charging port.

When transporting your scooter, please take into account that it contains lithium-ion batteries that are considered a hazardous material.

Always exercise caution and follow applicable rules and regulations when transporting your scooter. It is very likely that you will not be allowed to take your scooter and battery on an airplane.



NOTE: The screws in 1. 2. 3. 4. 5 (position shown in the figure) in order to prevent metal fatigue accidents, please replace these 5 pcs of screws each year or when it reaches 5,000 kilometers, please check and maintain every three months at the nearest after-sale maintenance store.
Please check the tires, brake discs and cables before each ride, please reach out to the maintenance store if you find cracks or damages on them so as to prevent personal injury or property damage.

DECLARATION OF CONFORMITY

NOTE: INFORMATION, SPECIFICATIONS, WARNINGS AND ALL OTHER DETAILS INCLUDED IN THIS MANUAL ARE SUBJECT TO CHANGE AT ANY TIME, WITHOUT PRIOR WRITING. INQUIRE WITH THE VENDOR'S AFTER-SALES DEPARTMENT FOR MORE INFORMATION.

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