

**Check energy level on the Power Gauge.
Is there enough charge for your immediate journey?**

QUICK START



PARKING BRAKE OPERATION

To Engage brake
(1) Pull handle towards you.

To Disengage
(2) Pull handle lightly.
(3) Turn through 90° anticlockwise.
(4) Release with slight push.

Make sure the handle has gone down fully for complete release of brake.

▲ Ensure control knob is in neutral (N) mode.

▲ Turn key-switch to OFF position and remove key.

◀ Remove the charging cable from its compartment located behind the rear seat.

◀ Flip open the on-board charge port lid and attach charging cable (female end) making sure cable is fully inserted.

◀ Plug the other end into a 13 Amp, 220V external power source** and then switch on the power supply.

◀ Charge light (green) starts flashing and turns solid once your car is fully charged.

(** In accordance with UK law we recommend the G-Wiz is charged from an electricity supply that is RCD protected)

◀ After the power gauge indicates that car is charged to meet your travel requirements, stop charging process.

◀ First switch OFF the power supply. Then remove the charging cable end from the external power source.

◀ Now remove the other end of the cable from the on-board charge port.

◀ Roll up the charging cable and store it in compartment located behind the rear seat.

▶ Make sure the charging cable is disconnected.

▶ Ensure that the control knob is in neutral (N) mode and then turn the start-up key to ON position. The car will not move unless N mode is first selected.

▲ A flashing N light on the dash will indicate you need to turn the control knob to N position before starting.

▲ Rotate the control knob to forward (F) mode. Disengage the parking brake by pulling and turning the brake handle anti-clockwise.

▲ Gently press the accelerator to move forward.

▲ For more acceleration, rotate control knob to boost (B) mode. To reverse, make sure car is stationary; then turn control knob to reverse (R) mode and gently press the accelerator.

Maximising driving range

Do's

- ▶ Drive with the control knob in forward (F) mode, accelerate gently and use regenerative braking wherever possible.
- ▶ Charge and discharge your batteries fully as frequently as possible and at least once a week in order to maximise battery performance and life.
- ▶ Top-up battery pack water as soon as this light comes ON. Use only distilled/de-ionised water and ensure car is fully charged & parked on level ground.
- ▶ When car is not in use, ensure that it is plugged in for charge, so that batteries can be trickle charged.
- ▶ If your car is not used for 2 weeks, please discharge your batteries once in this time for 20-30 minutes and plug in for charge as the batteries will discharge over this period.

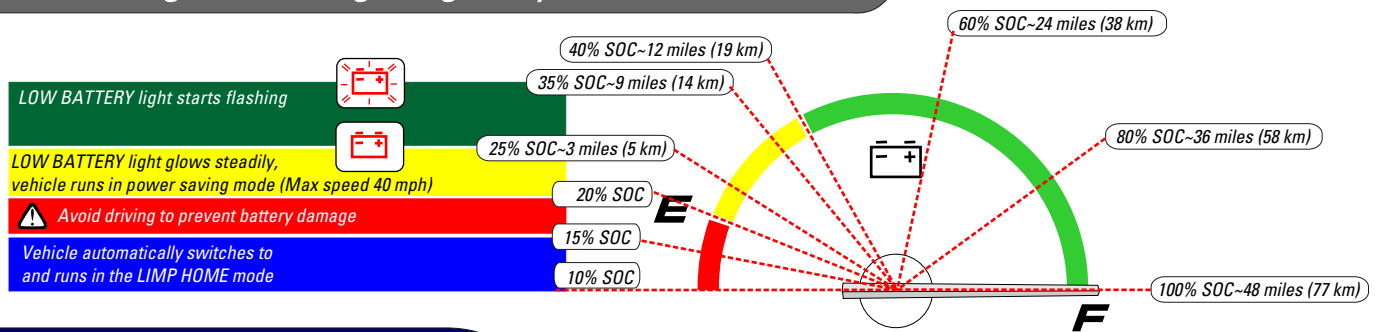
Don'ts

- ▶ Do not use the car if only 20% charge is remaining. This will damage the battery pack, reduce its life and void the warranty.
- ▶ Avoid using both feet to operate the brake and accelerator. Use only your right foot.
- ▶ Never water the battery pack with tap water; this will void the warranty. Use only distilled / de-ionised water.

CHARGING PRECAUTION: Unplug the car before doing the following: Unlocking/locking with the central locking, switching on/off headlights. Failure to do so may result in interruption of charge.

Estimating the driving range of your G-Wiz

SOC = State of Charge



Range indicated in this diagram may vary depending on -
 1. driving conditions/habits
 2. extreme cold and hot weather conditions
 3. use of accessories - Heater, A/C, CCS, Rear Defogger, Audio system

The G-Wiz is designed to operate from 100% SOC (fully charged) down to 20% SOC (empty).

automatic electric vehicle



Important Dashboard Lights

Always check dashboard lights before unplugging & after plugging-in for important indications.

	<ul style="list-style-type: none"> Flashing green light = Battery charging. Solid green light = Battery fully charged. Green flashing alternately with LOW BATTERY light = Battery equalising. (see equalising section below) 		<ul style="list-style-type: none"> When LOW BATTERY WATER light comes ON top-up your battery pack with distilled water using the watering kit provided. (if battery has just been watered, leave 1 cycle to reset) The car will not move unless N mode is first selected. A flash N light on the dash will indicate you need to turn the Control knob to N position before starting.
	<ul style="list-style-type: none"> Service light solid = Contact GoinGreen. 		<ul style="list-style-type: none"> PARKING BRAKE light (P) with continuous alarm chime indicates you are driving with the parking brake engaged. Release the brake and continue driving.
	<ul style="list-style-type: none"> Regen / Extra power indicator = Will turn green during regen braking and red when using extra power. 		<ul style="list-style-type: none"> LOW BRAKE FLUID light (!) with intermittent chime indicates low brake fluid level. Please top-up the brake fluid at the first opportunity.
	<ul style="list-style-type: none"> When LOW BATTERY light comes ON (flashes at 35% SOC, and solid at 25% SOC) charge your car at the first opportunity. 		<ul style="list-style-type: none"> TEMPERATURE light FLASHING in cold conditions is a warning device that indicates battery temperature is low and that range may be reduced. TEMPERATURE light SOLID in warm conditions indicates overheating of key components. Please slow down (stop if possible) to allow cooling.
	<ul style="list-style-type: none"> Encoder fault indication light = This light indicates a drive system fault, please call the GoinGreen service centre for assistance. 		



Battery Watering

The battery low water light will come on when your battery pack needs topping up with water (approx every 200 miles).

- If low water is sensed, the battery low water light will come on for the first 5 mins of a drive. If watering is not carried out following the next charge the low water light will repeat for the next drive. If the battery is not watered after a 3rd and 4th journey then the BATTERY LOW WATER light will flash every 2 seconds for the entire journey until the batteries are watered.
- When the car is watered, the BATTERY LOW WATER lights will reset after the next drive cycle and charge.

Note:
 - ONLY water the battery when it is fully charged and ONLY use distilled or de-ionised water.
 - Low water sensing may be skewed by parking on a slope. Please observe during drive.
 - Not watering the car may VOID your warranty, see Terms & Conditions of Agreement.

Battery Equalisation

AUTOMATIC EQUALISATION

- Every 500 miles or so your G-Wiz will automatically perform an equalisation charge of the battery pack to ensure all batteries maintain the same voltage. This process takes a total of 18 hours (8 hours for a full charge followed by 10 hours equalisation).
- There will be **no warning** that this is about to happen, and there will be no indication during the initial 8 hour charge that it will begin equalising at the end.
- To check for equalisation: Before unplugging the charge cable, check that the green charging light has stopped flashing and turned solid (full charge). If the green light continues to flash alternately with the battery symbol the car has begun to equalise and should ideally be left until this equalisation is complete.
- As it may not be convenient to charge the car for a total of 18 hours (instead of the expected 8 hrs), the equalising process can be interrupted and the car can be driven normally.
- Equalisation can be interrupted 5 times without causing problems and will continue automatically at the end of the following charge. However, if equalisation is interrupted for a fifth time then it will not automatically continue and the command will need to be given manually (see Manual Equalisation).

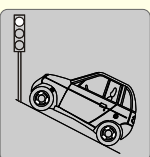
MANUAL EQUALISATION

- Before giving the manual equalisation command, first switch off all electrical systems (headlights, stereo etc.), make sure that the doors are fully closed and that the car is UNPLUGGED.
- Turn on the ignition, waiting until the lights on the dash flash and the battery power gauge flicks on. Then switch off. Repeat a second, and then a third time, ensuring that each time the battery power gauge moves before switching off. If the car has been stationary for some time this may need to be repeated a fourth time.
- The command has been received ONLY when the chime sounds for two seconds.
- Immediately plug-in the car, it will charge fully and then go into equalise mode (the whole process taking 18 hours).

Note: It is recommended that you carry out manual battery equalisation once in every month if your mileage is low or if you do not get a chance to complete automatic equalisation.

Note: Equalizing uses a lot of battery water so you may find that you need to water afterwards.

Roll back Restraint*



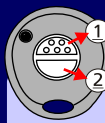
- The car has a built in feature to 'restrain' roll back on a slope.
- When you bring the car to a stop on a slope and remove the foot from the accelerator, the car tends to roll backwards. The restraint feature slows down the roll back to enable good control of the car.
- It is always recommended that you use the brake pedal when you want to 'hold' the car stationary on slopes, and to move press the accelerator pedal and release the brake pedal.

Trip / Odometer



- The odometer can display either total mileage or 2 trip mileages.
- By default the display will show total mileage.
- By pressing the reset button you can select TRIP A or TRIP B which will measure your journey mileage.
- Holding down the reset button will reset the TRIP A or TRIP B display data.

Display length
 Total - 0 to 999999 miles
 Trip A - 0.0 to 9999.9 miles
 Trip B - 0.0 to 9999.9 miles



Remote Control function

Use button 1 to operate the central locking and activate the immobiliser. Button 2 has no function.

Cold Weather Precautions for Maximising Range

CAUTION

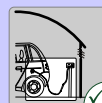
Cold weather conditions can reduce driving range.



- In cold conditions, the TEMPERATURE light may flash because the battery pack is cold. Please drive as normal but be aware your range may be reduced by up to 50%.



- Try not to leave the car for long periods in extreme cold or snow.



- In extreme cold conditions, keep the car connected to the mains power when not driving. This will keep the battery heating system active.



- Do not leave the Heater/Climate Control Seats (if fitted)/ Rear defogger ON for long periods of time, unless essential.