

# OWNER'S MANUAL

MINI ELECTRIC ATV & MINI ELECTRIC GO KART

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# OWNER'S MANUAL

## SAFETY WARNINGS

**WARNING:** Riding an electric four wheeler can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric products, the bike can and is intended to move, and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and other precautions. **RIDE AT YOUR OWN RISK AND USE COMMON SENCE.**

### APPROPRIATE RIDER USE AND PARENTAL SUPERVISION

The recommended rider age of 12 years is only an estimate, and can be affected by the rider's size, weight or skills. Any rider unable to ride comfortably on the bike should not attempt to ride it.

**A parent's decision to allow his or her child to ride this product should be based on the child's maturity, skill and ability to follow rules.**

Keep this product away from small children and remember that this product is intended for use only by persons who are, at minimum, completely comfortable and competent while operating the product.

DO NOT EXCEED THE WEIGHT LIMIT OF 50 KGS. Rider weight does not necessarily mean a person's size is appropriate to fit or maintain control of the product.

Do not touch the brakes or electric motor on your electric four wheeler when in use and/or immediately after riding as they can become very hot.

### ACCEPTABLE RIDING PRACTICES AND CONDITONS

**Always check and obey any local laws or regulations which may affect the locations where the product may be used.**

Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful to avoid pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.

The product is meant to be used on private property and on closed courses and not on public streets or sidewalks. Do not ride your electric four wheeler in any areas where pedestrian or vehicle traffic is present.

Do not activate the speed control on the hand grip unless you are on the electric four wheeler and in a case, outdoor environment suitable for riding.

This product was manufactured for performance and durability but are not impervious to damage. Jumping or other aggressive riding can over-stress and damage any product, including the electric four wheeler, and the rider assumes all risks associated with high-stress activity.

Be careful and know your limitations, Risk of injury increases as the degree of riding difficulty increases. The rider assumes all risk associated with aggressive riding activity.

Maintain a hold on the handlebars at all times.

Never carry passengers or allow more than one person at a time to ride the electric four wheeler.

Never use near steps or swimming pools.

Keep your fingers and other body parts away from the drive chain, steering system, wheels and all other moving components.

Never use headphones or a cell phone when riding.

Never hitch a ride with another product.

Do not ride the product in wet or icy weather and never immerse the electric four wheeler in water, as the electrical and drive components could be damaged by water or create other possible unsafe conditions.

Wet, slick, bumpy, uneven or rough surfaces may increase risks of use. Do not ride the electric four wheeler in mud, ice, puddles or water. Avoid excessive speeds that can be associated with down hill rides. Never risk damaging surfaces such as carpet or flooring by use of an electric four wheeler indoors.

Do not ride at night or when visibility is limited.

### PROPER RIDING ATTIRE

Always wear proper protective equipment such as an approved safety helmet (with chin strap securely buckled), elbow pads and kneepads. A helmet may be legally required by local law or regulation in your area. A long-sleeved shirt, long pants and gloves are recommended. Always wear athletic shoes (lace-up shoes with rubber soles), never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

### USING THE CHARGER

The charger supplied with the electric four wheeler should be regularly examined for damaged to the cord, plug, enclosure and other parts, and in the event of such damage, the four wheeler must not be charged until the charger has been repaired or replaced.

Use only with the recommended charger.

Use caution when charging.

The charger is not a toy. Charger should be operated by an adult.

Do not operate charger near flammable materials.

Unplug charger and disconnect from bike when not in use.

Always disconnect from the charger prior to wiping down and cleaning your bike with liquid.

**FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES RISK OF SERIOUS INJURY. USE WITH APPROPRIATE CAUTION AND **SERIOUS** ATTENTION TO SAFE OPERATION.**

# ASSEMBLY AND SET-UP

## Assembling the Handlebar (Steering wheel, Plastic cover & Wheels on electric kart)

### Inflating the Tires

Tires are inflated when shipped, but they invariably lose some pressure between the point of manufacturing and your purchase. Inflate the tires to the correct PSI indicated on the side-wall of the tire before first time use.

### Testing the Brake

To use the brake, squeeze the lever (pedal) to increase the pressure on the brake. The brake lever (pedal) is fitted with a cable adjuster to compensate for cable stretch and/or to fine-tune the lever movement to brake engagement.

# BEFORE RIDING

## Charging the Battery

Your electric four wheeler may not have a fully charged battery; therefore it is a good idea to charge the battery prior to use.

- Initial charge time: 12 hours
- Recharge time: up to 12 hours  
Depending on level of depletion
- Fully charge battery before storing
- When the bike is not in regular use, recharge the battery at least once a month until normal use is resumed.
- Run time: Up to 40 minutes of continuous ride time.  
Run time may vary depending on riding conditions, climate and/or proper maintenance.
- Average battery life: 250 charge/ discharge cycles
- To ensure long battery life, do not store the battery in temperatures above 60° or below -10° C.

**Note:** Make sure power is turned **OFF** when unit is not in use. If the power switch is left on for an extended period of time, the battery may reach a stage at which it will no longer hold a charge.

1. Turn power **OFF** before charging. Plug the charger into the charger port to charge unit.
2. Plug the charger into a wall outlet. If the lights on charger do not light up, check the power to the outlet. If necessary, try a different outlet.

# SWITCHES

## Key Switch

Turn ON/OFF power

## 3 speeds switch

L (low) - H (fast) – M (medium)

## F-N-R gear

F forward – N neutral – R reverse

## POWER METER

MAX - MID - MIN

## REPAIR AND MAINTENANCE

### Replacing the Fuse

1. Make sure the power switch is turned OFF.
2. Under the plastic cover, locate the fuse box attached to the top of the battery.
3. Open the fuse cover to expose the fuse.
4. Remove the fuse and replace with a new one of equal amperage.
5. Close the fuse cover.

### Chain and Sprocket

The chain will typically have a “loose spot” and “tight spot” corresponding with a particular sprocket rotational position. This is normal and common to all chain-driven products due to run-out tolerances of the freewheel and sprocket. Proper chain alignment must be maintained.

**If the chain is noisy or rough running, check the lubrication, tension and alignment of the sprocket, in that order.**

### Battery Care and Disposal

Do not store the battery in temperatures above 60° or below -10° C.



**CONTAINS SEALED LEAD BATTERY. BATTERY MUST BE RECYCLED.**

### Charger

The charger supplied with the electric four wheeler should be regularly examined for damage to the cord, plug, enclosure and other parts, and, in the event of such damage, the product must not be charged until it has been repaired or replaced.

Use ONLY with the recommended charger.

## TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Product does not run	Undercharged battery	Charge the battery, A new battery should have been charged for at least 12 hours before using the product for the first time and up to 12 hours after each subsequent use.  Check all connectors. Make sure the charger connector is tightly plugged into the charging port, and the charger is plugged into the wall.
	Loose wire or connectors	Check all wires and connectors to make sure they are tight
Product suddenly Stopped working while In use	Burn out fuse	The fuse will burn out and automatically shut off the power if the motor is overload.  An excessive overload, such as too heavy a rider or too steep a hill, could cause the motor to overheat. Replace the fuse and correct the conditions that caused the fuse to burn and avoid repeatedly burning out fuse.
	Motor or electrical switch damage	Contact your local dealer for diagnosis and repair.
	undercharged battery	Charge the battery, A new battery should have been charged for at least 12 hours before using the product for the first time and up to 12 hours after each subsequent use.  Check all connectors. Make sure the charger connector is tightly plugged into the charging port, and the charger is plugged into the wall.
Short run time (less than 15 minutes per charge)	Brakes are not adjusted properly	Adjust the brake
	Riding conditions are too stressful	Use only on solid, flat clean and dry surfaces such as pavement or level ground
Product runs sluggishly	Tires are not properly inflated	The tires are inflated when shipped, but they invariably lose some pressure between the point of manufacturing and your purchase. Inflate the tires to the correct PSI indicated on the side-wall of the tire before first time use.
	Product is over load	Make sure you do not overload the product by allowing more than one rider at one time, exceeding the maximum weight limit, going up too steep a hill or towing objects behind the product.
	loose wires or connectors	Check all wires around the motors and all connectors to make sure they are right.
Sometimes the product Doesn't, but other times It does	Motor or electrical switch damage	Contact your local dealer for diagnosis and repair.
	Chain is too dry	Apply a lubricant to the chain.
Product makes loud Noise or grinding sounds		

## WARNING: Risk of Rollover

Every year quad bikes are a major cause of death and serious injury in rural workplaces with many incidents associated with rollovers.

The risk of a rollover increases if the quad bike is crossing slopes, travelling at high speed, towing an attachment, travelling over rocky or uneven ground or carrying a heavy or unstable load.

### General Safety Tips:

1. Choose the right vehicle for the right task.
2. The riders must be physically able to control the vehicle, trained and wear a helmet
3. Always Wear a Helmet
4. Never Carry a Passenger
5. Take Time to Learn and Practice
6. Be Alert for off-road hazards
7. Ride within your limits
8. Don't Drink and Ride



**Stability Test Result**

**42.5°**

**COMPARE VEHICLES**  
Quad bikes with higher numbers are more stable  
**ASK YOUR DEALER FOR ADVICE**


WUYI QIAOWEI ELECTRICAL VEHICLE CO.,LTD  
MODEL(S): QWATV-01; QWATV-02; QWATV-02C  
QWATV-02E; QWATV-02F; QWATV-08B; QWATV-08D  
QWATV-08F; QWMATV-01D; QWMATV-01E; QWMATV-01F;  
QWATV-12; QWMATV-01; QWMATV-01A; QWMATV-01C


When tested to the quad bike safety standard, this is the minimum angle this quad bike tipped sideways on to two wheels. The above result should be used for comparative purposes only.

Factors, such as uneven terrain, speed, loadings, accessories, modifications and rider position can effect a quad bike's stability.

**Read the operator's manual for safe riding practices.**

THIS HANG TAG IS NOT TO BE REMOVED BEFORE SALE

 **WARNING**



**RISK of ROLLOVER even on flat terrain**

**ROLLOVERS could result in DEATH or SERIOUS INJURY**

**AVOID** sudden sharp turns

**AVOID** steep inclines

**AVOID** riding across slopes



# Quad bike safety standard

## Guidance for consumers

10 October 2019

Quad bikes have a number of design features that create risks for users, particularly when used on uneven or sloped ground. Losing control of a quad bike can cause it to flip or rollover causing death or serious injury.

The Australian Government has introduced a [safety standard](#) to improve the safety of quad bikes.

This guidance will help you stay safe when purchasing a quad bike.

### About quad bikes

A quad bike (also known as an all-terrain vehicle or ATV) is an off-road motorised vehicle that travels on four wheels, with a seat designed to be straddled by the operator and handlebars for steering control. All vehicles that meet this description, including those that are propelled by a combustion engine and an electric engine, are considered to be quad bikes.

Quad bike models are commonly categorised as:

- general use models (commonly marketed as utility, work or agricultural models)
- sports models
- youth models (also marketed as fun models) and transition models.

Below are example images of different categories of quad bikes described in the [safety standard for quad bikes](#).

#### General use model – Type I (one seat)



#### General use model – Type II (two seats)



#### Sports model



#### Youth model



### What to look for when purchasing

Suppliers must comply with a [safety standard](#) when they sell you a new quad bike. This standard specifies requirements for all quad bikes supplied from 11 October 2020 and additional requirements for general use quad bikes supplied from 11 October 2021. The standard does not apply to second-hand quad bikes other than second-hand quad bikes that are imported into Australia.

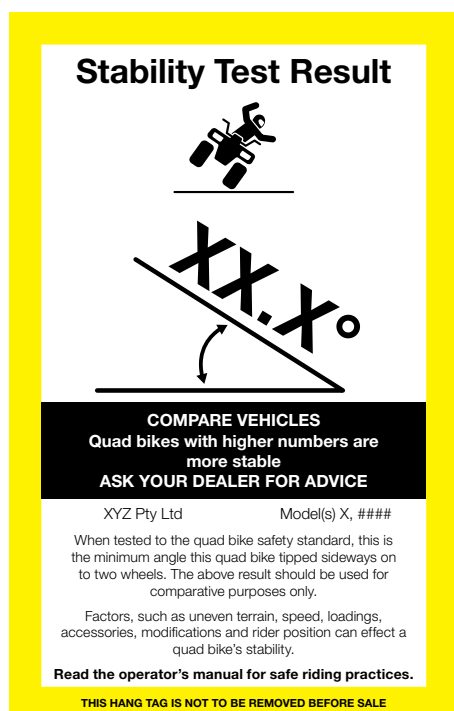
From 11 October 2020, suppliers must:

- hang a tag on the quad bike that allows you to compare the safety of models prior to purchase
- fix a durable rollover warning label to the quad bike to warn users of risk of rollover
- include, in the owner's manual, safety information about the risk of rollover
- meet certain requirements in the US or European standards for quad bikes.

From 11 October 2021, **general use quad bikes** must also:

- have an operator protection device (OPD) attached to help protect riders from the risk of serious injury or fatality as a result of being crushed or pinned in the event of a rollover by holding the quad bike off the ground
- meet minimum stability requirements.

## Check the hang tag to compare stability



The hang tag will tell you the minimum angle at which the quad bike tipped sideways on to two wheels when it was tested by the manufacturer. Quad bikes with higher numbers are more stable.

The hang tag will help you to compare the stability of different models within a particular category of quad bike. For example, if you are looking for a youth quad bike, you can compare the stability of different models of youth quad bikes. The hang tag should not be used to compare across categories (for example, to compare a youth quad bike with a general use quad bike) as the stability tests are different.

## Look for a durable rollover warning label

The rollover warning label is a permanent label fixed on the quad bike to remind the user about the risk of rollovers and how to avoid them.

Rollover safety information must also be included in the owner's manual.

## Operator protection devices (OPDs)

The images below show the two models of OPDs specified in the safety standard. A device of a type that offers the same or better level of protection can also be used.

Quadbar



ATV Lifeguard®



Sixty per cent of quad bike fatalities occur when the quad bike rolls over.

From 11 October 2021, every general use quad bike must have an OPD fitted or integrated into its design so that, if the quad bike rolls over, the quad bike is held off the ground, to help the rider avoid injury or death as a result of being crushed or pinned by the weight of the quad bike.

The safety standard supports quad bike and after-market OPD manufacturers to develop designs for innovative OPDs to protect operators. For example, the Quadbar model has been upgraded to the Quadbar Flexi.

## Reporting a supplier

If a supplier does not comply with the safety standard, they may be in breach of the Australian Consumer Law, which can result in [fines and penalties](#). If you think a supplier has contravened the safety standard, you can report this to the ACCC: [www.productsafety.gov.au/contact-us](http://www.productsafety.gov.au/contact-us).

## How to stay safe

The Product Safety website provides other tips and checklists to help you, your loved ones, friends and work colleagues stay safe when using quad bikes.

## More information

[www.productsafety.gov.au/quad-bike-standard](http://www.productsafety.gov.au/quad-bike-standard)