

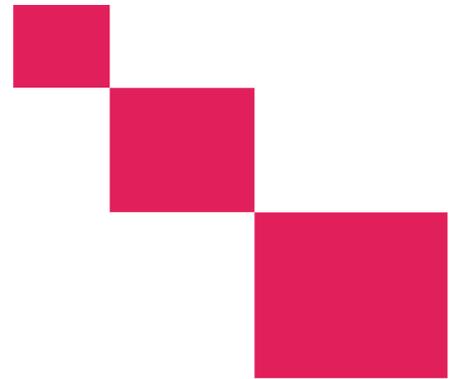
ELECTRIC ATV



USER MANUAL

READ THIS MANUAL BEFORE OPERATING

ATV003E, ATV004E, ATV005E, ATV006E, ATV007E, ATV008E, ATV009E



ALL INFORMATION & CONTENTS IN THIS USER MANUAL COMPLY WITH THE NEWEST MODEL OF PRODUCT. ACCORDING TO THE MARKET DEMANDS, OR CUSTOMERS' REQUEST, WE MAY MODIFY THE DESIGN OR SPECIFICATIONS AT ANY TIME WITHOUT FURTHER NOTICE. YOU CAN CONTACT OUR AFTER-SERVICE DEPT IF YOU HAVE ANY QUESTIONS.

- PLEASE READ CAREFULLY THOSE CONTENTS MARKED WITH .



WARNING

MISUSE MAY CAUSE MAJOR INJURIES OR DEATH.



ALWAYS USE AN APPROVED HELMET AND OTHER PROTECTIVE DEVICE !



NEVER USE ON PUBLIC ROAD !



NEVER CARRY A PASSENGER !



NEVER USE WITH DRUGS OR ALCOHOL !

NEVER OPERATE:

- WITHOUT PROPER ATV TRAINING OR INSTRUCTION;
- AT SPEEDS TOO FAST FOR YOUR SKILLS OR THE CONDITIONS;
- ON PUBLIC ROADS: A COLLISION MAY OCCUR WITH OTHER VEHICLES;
- CARRY A PASSENGER: WILL AFFECT THE BALANCE AND TURNING OF THE VEHICLE AND INCREASE THE DANGER OF LOSING CONTROL.

THE OPERATOR MUST ALWAYS:

- USE PROPER RIDING TECHNIQUES TO AVOID OVERTURNS ON HILLS AND ROUGH TERRAIN AND IN TURNING CORNER;
- AVOID PAVED SURFACES: PAVEMENT MAY SERIOUSLY AFFECT OPERATION AND CONTROL.

**LOCATE AND READ OPERATOR'S MANUAL,
FOLLOW ALL INSTRUCTIONS AND WARNINGS**

Foreword

Thank you very much for purchasing. The electric ATV family has added a new member.

Before you learn how to ride, you must read this manual very carefully and follow all safety warnings and cautions. Hope this manual can help you to have a detailed understanding of the electric ATV.

The electric ATV has sold well in both domestic and foreign markets, which customers think highly for the unique design, its advanced and reliable technology, and the satisfied service after-sales. The vehicle frame, shock absorbers, high efficiency motor and electric drive system have become the ATV leading technology and unique advantages which can withstand 100 thousand times vibrations.

Users' demands is our pursuit. You can share your feeling after riding with us to help us constantly improve our vehicles.

The Company offer quality assurance for the electric ATV parts .Under normal use, such as the case of the manufacturing process or material problems and failure to purchase within six months or 1,000 kilometers. Your local sales representative is responsible for the repair or replacement of defective parts, free of charge.

How to get the warranty certificate:

There's the warranty card inside when packing. If not, please ask the agents for it when purchasing the electric ATV, fill all information in the forms, and then handed over to the sales agent.

Warranty card is in accordance with the serial number, used for your car only. For maintenance you are required to show the Warranty.

Attentions

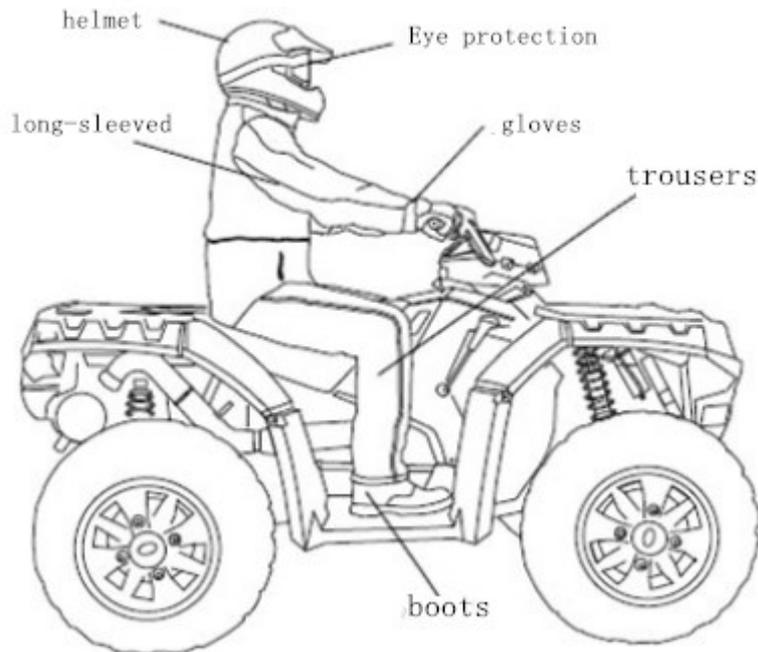
- One passengers only, do not carry passengers.
- This model is suitable for driving on various roads. Please read the user manual before riding. Pay attention it would be extremely dangerous if you do not follow this user's manual operations.

Precautions:

If you do not perform in accordance with regulatory requirements, it may get injury or damage. Note: The application of the user's manual is beneficial to the users. It is also one of the ATV parts, should be properly kept.

Safety

Safe driving device



Before driving the ATV you must wear the suitable clothes. Please wear protective clothing, to ensure your comfortable driving and reduce the possibility to get hurt.

Helmet

Wear a helmet to prevent head injuries. Wear a helmet that meets or exceeds the safety standard when you are driving.

Eye protection

Don't rely on glasses or sunglasses to protect your eyes. Wear goggles or helmet visor seismic as long as driving the vehicle. We recommend you to wear the standard of 3C tag of personal protective equipment, and ensure that the eye device is clean.

Gloves

The off-road glove with Knuckle pads is the most comfort and protection choice.

Boots

The best shoes are sturdy, over calf boots with low heel.

Clothing

You must wear long-sleeved clothes and trousers to protect arms and legs. Pants with knee-pads and sweatshirt with shoulder pads are suggested to get best protection during driving.

Equipment modification

We strongly recommend that customers do not install any device that can be increased speed and power on electric ATV. Any modification in order to implement these functions is also prohibited. Warranty of this electric ATV will be immediately terminated, if you make any modification.

Safety Warning

Age Limit Warning

Adults-only, never permit children under age 16 to operate this ATV.

Checked before driving

Will increase the risk, if ATV do not be checked and proved to be safe before driving.

Speeding Warning

Speeding driving will increase the risk of out of control.

General Warning

Warning!

Improper ATV use can result in severe injury or death.

Always use an approved helmet and protective devices.

Never use on public roads.

Never carry passengers.

Never use with drugs or alcohol.

Never operate:

Without proper training or instruction.

At speeds too fast for your skills or the conditions.

On public roads - a collision can occur with another vehicle.

With a passenger - passengers affect balance and steering and increase risk of losing control.

Always: Use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns.

Avoid paved surfaces - pavement may seriously affect handling and control.

Locate and read owner's manual follow all instructions and warnings.

Prohibit Passengers Warning

Warning!

Never ride as a passenger.

Passengers can cause a loss of control, resulting in severe injury or death.

Tire Pressure Warning / Load Warning

Warning!

Improper tire pressure or overloading can cause lost of control.

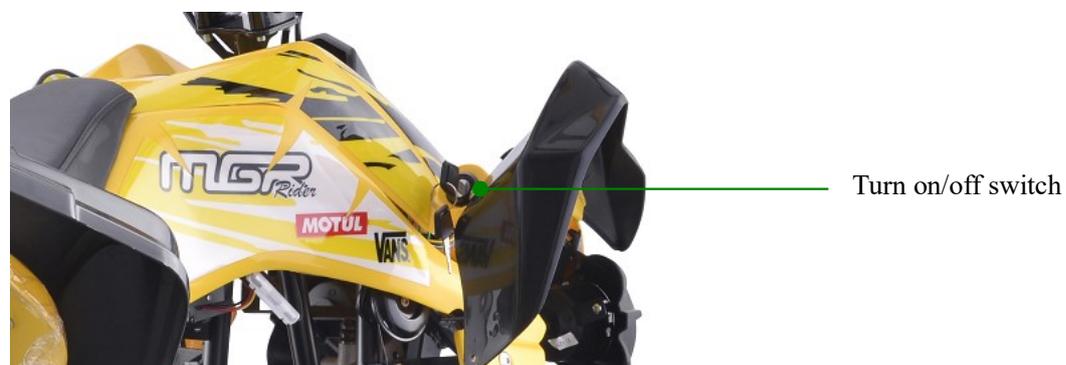
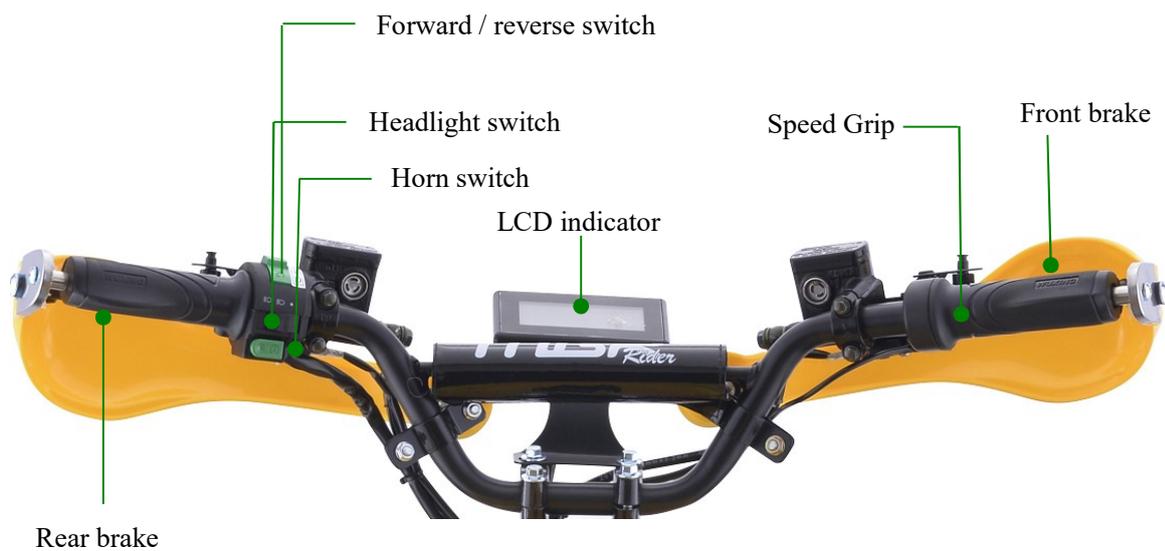
Lost of control can result in severe injury or death.

Functional components and control devices

Product Features Introduction

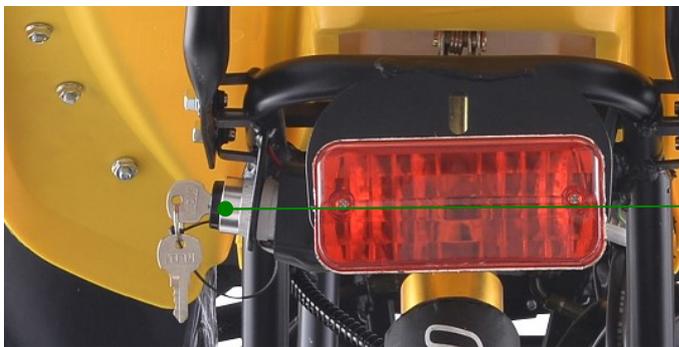
Thank you for choosing our electric ATV. Please read before use.

Functional components and control devices.





Charging Port



3-speed switch

The 3-speed limit key is located under the right side of seat (see above pictures).

There are 3 letter standing for the different speed as follows:

- 1 (or M): Middle speed
- 0 (or L): Lowest speed
- 2 (or H): Highest speed

SPEED HANDLE

WARNING!

Accidents can be resulted from any problems with speed handle when driving the electric ATV. DO NOT start or drive the vehicle when the speed handle is stuck or with some other problems.

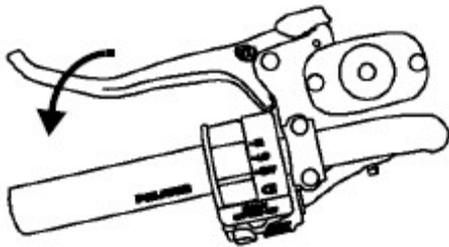
Fail to check speed control system prior driving, misuse the speed control system, or stuck handle at driving will lead to accidents. Therefore, please always check before powered on to ensure the speed handle can be freely turned, and also check it contingently during riding.



BRAKING

! WARNING !

It's a necessity to check the condition of brake lever as well as its liquid level prior riding. The levers should be secure as it is fully applied. If the lever is felt soft, there might be some leakage of fluid or low liquid level in the brake cylinder. Correction must be taken before riding. Please contact your dealer for correction and maintenance.



BRAKE FLUID LEVEL

Regularly check the level of brake fluid that assists braking system. The can of brake fluid is set under the oil cup lid.

Keep the level of brake fluid between the Min. and the Max. level marks. Only the fluid DOT 4 is used.

NOTE: NEVER use brake fluid ADC. Or the rubber parts in braking system will be damaged.

INSTRUCTIONS FOR BATTERY CHARGING

Charging the Battery

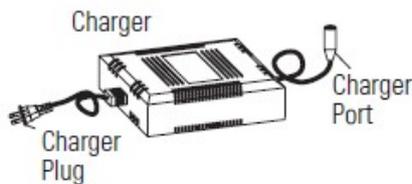
Your electric quad may not have a fully charged battery; therefore it is a good idea to charge the battery prior to use.

- Suggested Initial charge time: 9 hours
- Run time: up to 45minutes
- Average battery life: 250 charge/discharge cycles (Lead-Acid battery),
- Recharge time: Always remember to turn the power switch off and full charge the battery after each use. When vehicle is not in regular use, recharge battery at least once a month until normal use is resumed. If you have left the power switch on or your product has not been charged for a long period of time the battery may reach a stage at which it will no longer hold a charge.

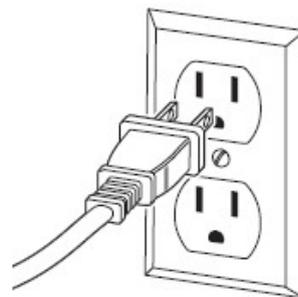
WARNING: Always disconnect your electric quad from the charger before cleaning with liquid.

The charger has a small window with two LEDs to indicate the charge status. Red LED means the battery is in charging and Green LED means the battery is full charged. Chargers have built-in over-charge protection to prevent battery from being over-charged.

Be sure to properly align the groove on the charger input port with the corresponding socket on the Mini Quad and tighten threads; otherwise, no charging action will occur.



1 Turn **OFF** power switch before charging. Plug charger into the charger port on the electric motor bike.



2 Plug the charger plug into a wall outlet. If the lights on the charger do not light up, check the power to the outlet. If necessary, try a different outlet.

Warning: Failure to recharge the battery at least once a month may result in a battery that will no longer hold a charge.

RIDING NOTES

CHECKING INSTRUCTIONS BEFORE RIDING

The risk of accidents will be increased without checking and verifying good working conditions of the vehicle before riding. Always check the vehicle to ensure it is qualified working conditions prior each use.

ITEMS	NOTES
Braking system	Ensure the normal riding
Brake fluid	Ensure the proper liquid level
Auxiliary brake	Ensure the normal riding
Front suspension	Check and lubricate if necessary
Rear suspension	Check and lubricate if necessary
Steering	Ensure the normal operation
Tires	Check conditions and pressure
Wheels/ fasteners	Check and ensure the tightness of fasteners
Frame nuts, bolts, fasteners	Check and ensure the tightness
Throttle grip	Ensure the normal operation
Power indicator	Ensure the correct performance
Stop switch	Ensure the normal operation
Front lamp	Ensure the correct performance
Braking lamp/rear lamp	Ensure the correct performance
Riding equipment	Wear qualified helmets, goggles and protective clothes

RIDING OPERATION INSTRUCTIONS

1. Complete suggested safety training before riding.
2. Riding by children under 6 years old, or people with some problems of cognitive ability or physical handicaps are not allowed.
3. No passengers.
4. Learn how to apply auxiliary brake to response to emergencies (in case of primary brake failure) before riding.
5. The vehicle is only for recreation. It's forbidden to ride on sidewalks, public streets, roads, highways and dirty gravel roads.
6. Ride at low speed carefully in reduced visibility conditions such as fog, rain and darkness. Clean the headlamp regularly and timely replace the burnt bulbs.
7. Ride the vehicle according to your riding skills and riding conditions. DO NOT ride it at high speed, jumping or any other stunts. DO control the handles by your hands and keep your feet on pedals all the time.

8. No alcohol, drugs or any drug therapies before or at riding.
9. Always use the prescriptive tire size and type and keep proper tire pressure.
10. It is not allowed to ride a damaged vehicle. Contact a qualified service dealer to check the vehicle overall after turn over or accidents.
11. No riding on frozen water.
12. Remove the key when the vehicle is not needed in case of unauthorized use.

Maintenance

Periodic Maintenance Form

Item	Maintenance Cycle			remarks
	Hours	when	mileage(Kilometers)	
Steering System	-	Pre-ride	-	See pre-ride inspection item
front suspension	-	pre-ride	-	
rear suspension	-	pre-ride	-	
tires	-	pre-ride	-	
brake oil level	-	pre-ride	-	
brake handle broke	-	pre-ride	-	
brake system	-	pre-ride	-	
tire nuts, bolts fasteners	-	pre-ride	-	
frame nut, bolts fasteners	-	pre-ride	-	
head lamp/tail lamp	-	daily	-	check operation
▶ brake pad wear	10 hours	monthly	100 (160)	check regularly
battery	20 hours	monthly	200 (320)	check connecting line, clean, test
▶ rear gear case oil	25 hours	monthly	250 (400)	check oil level
▶ lubrication	50 hours	3 months	500 (800)	lubricate all fittings, pivots, cables etc.

Lubrication Instruction

item	lubricant	oil change	filling plug	exhaust plug
------	-----------	------------	--------------	--------------

rear gear case oil	ATV gear oil (GL5 80-90)	(\geq 50ml)	(14-19 Nm)	(14-19 Nm)
--------------------	--------------------------	----------------	------------	------------



Filling Plug



Exhaust Plug

Troubleshooting

Problems	Solutions
Let power switch on, when battery indicator light on, roll speed control, the ATV doesn't work.	Check whether battery fit battery case bracket, whether battery case switch lock well. Check whether the fuse has been blown. After the fuse in the battery box is burnt out, the motor will not work. Replace the soluble core of the same specification.
Let power switch on, roll speed control, the ATV doesn't work.	Check whether controller line is in access mode.
Roll speed control after pause, the ATV doesn't work.	Check whether parking handle is restoration, whether it's on brake automatically de-energized
The driving speed is slower than normal	Check whether controller zipper is on lubrication, the speed control can roll enough, the battery is full charging.
The indicator doesn't light when charging	Check whether the battery is out of power
When charging, the charger indicator lights-red and green are all on.	Check whether the charger plug has been connected correctly.
If above possible causes are checked ok, then there are other causes, take this ATV to authorized dealer or the company customer service, the professional engineer will repair.	

Some notes

1. Depth of discharge--the deeper of discharge, the shorter of the battery life.
2. Short of electricity-the vehicle is stored without charging after use; charging difficulties in cold areas; poor contacts with charging circuit.
3. The lead-acid battery should be put with full charging and make sure charging monthly.
4. Over charge--charging with unmatched system, resulting battery lose excessive water and dried up.