



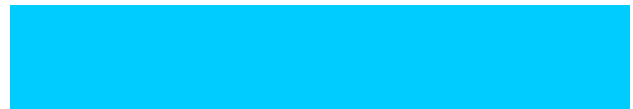
USER MANUAL

READ THIS MANUAL BEFORE OPERATING



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 OF ROAD;
- 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 CORNERS;
- AVOID PAVED SURFACES: PAVEMENT MAY SERIOUSLY AFFECT OPERATION AND CONTROL.

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

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Introduction

Thank you very much for purchasing your new E-Grizzly 1500W ATV. The Venom 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. We hope this manual can help you gain a detailed understanding of the your new 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 ATVs 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.

Hoping to offer a new service for you

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, you may cause an injury or damage. Note: The application of the user's manual is beneficial to the users and should be properly kept.

VIN NUMBER

Note your vehicle's identification number and key number in the blank space below. Take out the spare key and store in a safe place. If all keys are lost, the power switch must be replaced.



VIN NUMBER: LG0*****



MOTOR NO.: FS48V*****

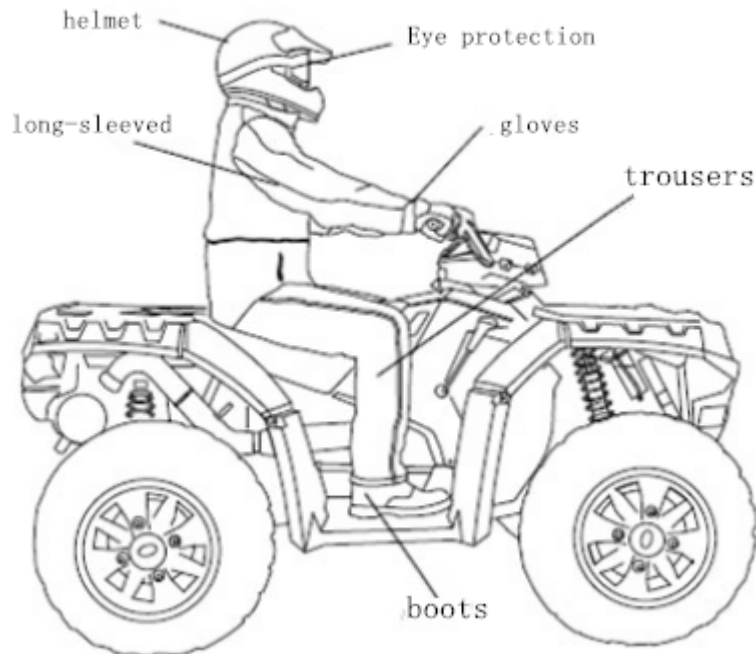
Item No.: _____

Vin No.: _____

Motor No.: _____

Safety

Safe driving device



Before driving the ATV you must wear suitable riding clothing. Please wear protective clothing, to ensure a safe & comfortable ride and reduce the possibility of getting 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 common 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 riding.

Equipment modification

We strongly recommend that customers do not install any device that can increase speed and power on the electric ATV. Any modification in order to implement these functions is also prohibited and will void ALL warranty.

Safety Warning

Age Limit Warning

Adults-only, never permit children under age 8 to operate this ATV.

Check before driving

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

Speeding Warning

Speed driving will increase the risk of losing control while riding.

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 loss of control.

Loss of control can result in severe injury or death.

Tire pressure:

Front tire: 10 ± 0.5 psi (69 ± 3.5 kPa)

Rear tire: 10 ± 0.5 psi (69 ± 3.5 kPa)

Max. load: 176lbs. (80 kg)

Security identification and location

“Age limit warning”

“Prohibit passengers warning”

“General warning”

“Tire pressure warning /
Load warning”

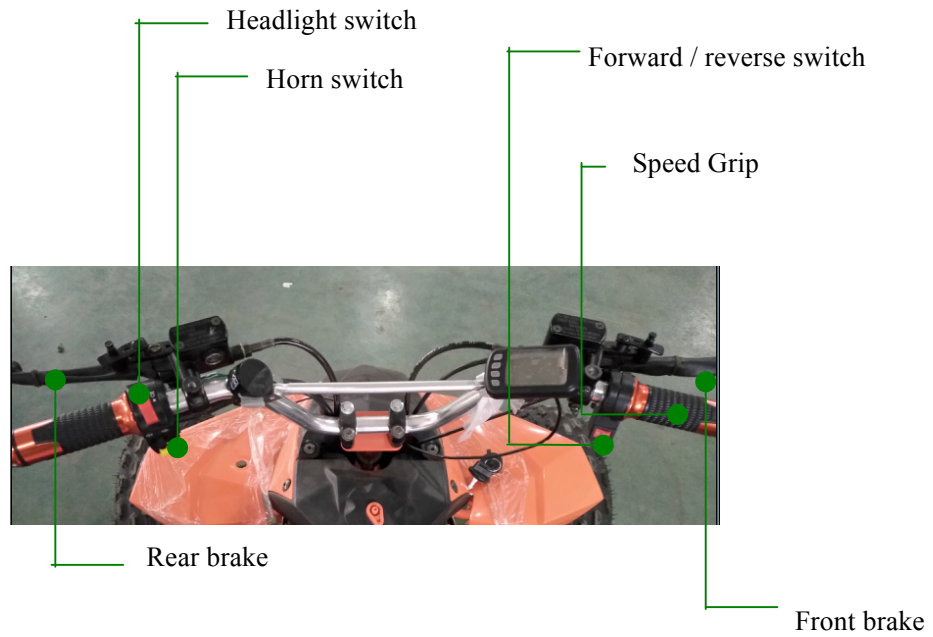


Functional Components and Control Devices

Product Features Introduction

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

Functional components and control devices.



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.

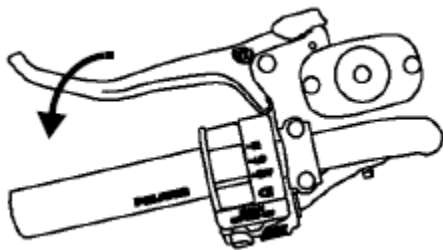
Failing to check speed control system prior driving, misuse the speed control system, or stuck handle at driving will lead to accidents. Therefore, please always check before powering on to ensure the speed handle can be freely turned, and also check it contingently during riding.



BRAKING

! WARNING !

It's necessary 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 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 must be used.

NOTE: NEVER use brake fluid ADC. As a result, the rubber parts in braking system will be damaged.

INSTRUCTIONS FOR BATTERY CHARGING

This vehicle is with an external charger. Connect the output terminal of the charger to the charging port of the ATV, then plug the other end of the charger in the power supply.



Insert charger output terminal to the charging port



Plug in charger input terminal



Red light indicates in charging



Green light indicates charging finished

Standard charging time: According to the requirement of special chargers with the vehicles.

Charging time 6-8 hours under the temperature of 25°C.

WARNING !

1. To avoid no power or full power of the battery for a long time;
2. This charger is equipped with over current protective device, charging for a long time (generally no more than 18 hours) will not affect the life of battery and charger;
3. When charging, please put in a safe place beyond children reach.
4. Don't use charger from other brands, or charge other batteries with this charger.
5. There's high voltage circuit inside the charger, DO NOT disassemble it unauthorized.

6. Prevent liquid and metal dust into the charger when using and storing; avoid damages from falling and impact.
7. NEVER cover the charger with anything when charging.
8. This charger is for indoor use. Please use it in a dry and ventilated environment.
9. Please stop charging and immediately send to dealer for service when you feel unpleasantly smell or overheating during charging.

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 its qualified in working conditions prior to each use.

ITEMS	NOTES
Braking system	Ensure the normal riding
Brake fluid	Ensure the proper liquid level
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. The vehicle is only for recreation. It's forbidden to ride on sidewalks, public streets, roads,

highways and dirty gravel roads.

5. 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.
6. 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.
7. No alcohol, drugs or any drug therapies before or during riding.
8. Always use the prescriptive tire size and type and keep proper tire pressure.
9. It's not allowed to ride a damaged vehicle. Contact a qualified service dealer to check the vehicle overall after turn over or accidents.
10. DO NOT ride on frozen water.
12. Remove the key when the vehicle is not needed in case of unauthorized use.

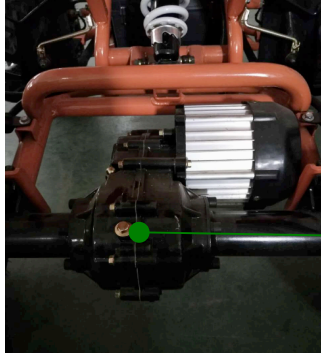
Maintenance

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)	(150ml)	(14-19 Nm)	(14-19 Nm)



filling plug



exhaust plug

Troubleshooting

Problems	Solutions
Power switch is on, Battery indicator light shows off, twist throttle, the ATV doesn't move.	<ol style="list-style-type: none"> 1. Check whether battery is connected properly. 2. Check whether fuse is OK, and replace if fuse is popped.
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 restored, 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 fully charged.
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 for immediate review & 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 charged monthly.
4. Over charge--charging with unmatched system, resulting battery to lose excessive water and dried up.

SPECIFICATIONS

ITEM NO.		E-Grizzly 1500W	
Measurement (L×W×H)	cm	142*96*97cm	
Packing size (L×W×H)	cm	127*84*63cm	
Wheelbase	mm	830mm	
Ground clearance	mm	130mm	
Net weight	kg	105kg	
Rated max total weight	kg	120kg	
Rotation angle of manipulate (Left/Right)		<45°	
Max Speed	km/h	30km/h	
Braking distance	m	3.0 (6km/h)	
Climbing capability	°	23°	
CHARGING TIME	h	6-8h	
Range after single charge	km	30-50km depends on rider's weight	
Motor		Item	
Transmission	Rear Shaft	1500W Brushless	
Transmission Drive System	Differential Mechanism	Rear Shaft	
	Gears	Rear type	
	Suspension type	A forward/reverse gear	
Drive System	Suspension type	Front tire	Rear tire
	Tire	Double arm	Single arm
	Direction control type	19*7.00-8	18*9.5-8
Brake system	Brake System	Handlebar	
	Brake System	Front tire	Rear tire
	Service Brake	Drum	Hydraulic Disc
	Service Brake	Front tire	Rear tire
	Battery	Hand brake (right)	Hand brake (left)
Electrical Equipment		48V/ (12V/20ah) x 4pcs	