

kaabo

USER MANUAL

Wolf warrior new



Ningbo Kaabo Technology Co., Ltd.



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PRODUCT DIAGRAM



- [1] Handle Bar
- [2] Single Dual Switch
- [3] Light And Horn Switch
- [4] Display
- [5] Hydraulic Brake
- [6] Hydraulic Fork
- [7] Light
- [8]Horn
- [9]Tubeless Tire
- [10]Folding Lever
- [11] Protection Bracket
- [12] Pedal
- [13]Side Light
- [14] Rear Shock Absorbe

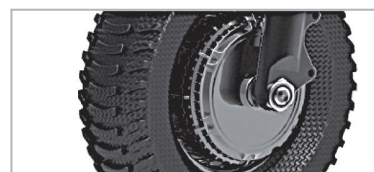
PRODUCT DETAILS



Forging Frame



LCD Display



Dual High Torque Engine



Dual Charging



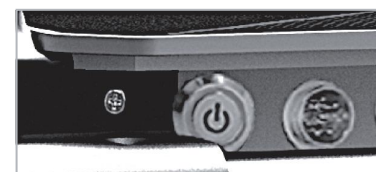
Handle Bar



LED Spotlight



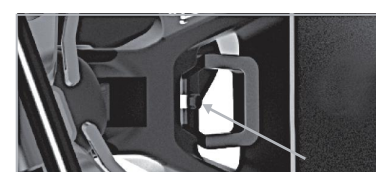
Tail Light



Spotlight Switch



Locking Shaft



Folding Lever

SPECIFICATION

Wolf Warrior 11			
Configuration	60V26AH★	60V35AH★	72V28AH (Wolf King)★
Color	BLACK		GOLD
Battery Type	Li-Ion battery pack 18650		
Battery Capacity	DVEGC26E	LGMJ1/samsung 35E	
Motor	1200W/2		1500W/2
Max Speed	About 80KM/H		About 100KM/H
Max Range	90KM(75kgs load ,25 km/h flat road ride at constant speed, full of electricity, sufficient air pressure)	150KM(75kgs load ,25 km /h flat road ride at constant speed, full of electricity, sufficient air pressure)	150KM(75kgs load ,25 km/h flat road ride at constant speed, full of electricity, sufficient air pressure)
Climbing Angles	<40	<45	<50
Max Load	150KGS		
Charger	67.2V/2A 1+3-		84V/1.5A 1+3-
Charging time (use 2A*1)	About 13hrs	About 17.5hrs	About 19hrs
Charging time (use 4A*1+2A*1)	About 4.3hrs	About 5.8hrs	About 5.8hrs(use 1.5A*1+4A*1)
Shock Absorber	Front patent hydraulic shock absorber+Rear Cspring shock absorber		
Brake	Fron and rear hydraulic brake (160) +ABS		
Light System	LED Chassis light+LED frond spotlight		
Horn	Motorcycle-grade horn		
Controller	60V30A*2	Minimotors 60V40A*2	Minimotors 72V40A*2
Open Size	1260x660x1250mm		
Folding Size	1500x270x470mm		
NW	44KGS	46KGS	48KGS
Tyres	11 inch off-road tire/street tire		
Display	Color-screen instrument (battery power, single mileage, total mileage, service time Speed display, charging mode)	Minimotors EY3	Minimotors EY3
Product Material	handle, frame, bar material:6061- t6 aluminumalloy and 6082- t6 aluminumforging, Cover pp; Shaft scm440;		

Tips

This Chapter is very important. Please read carefully and understand all the instructions. We will not be responsible for any property loss, casualties, accidents, and/or legal disputes caused by violation of the safety instructions in this chapter.

Safety Instructions



1. Do not drive in rain.
2. Do not repair by yourself, electric shocks can occur.
3. Please follow the local traffic laws and regulations.
4. The scooter is designed for one person at a time only.
5. Please wear safety protective equipment such as a helmet, gloves, elbow pads and knee pads for riding.
6. Please practice on open ground first, before riding on the road.
7. Please fully charge the battery before first time use+
8. Please do not cut o the power when scooter is running.
9. Please store scooter within temperature range from -5°C to 50°C.
10. If the scooter is not in use for a long time, please charge it once every month to maintain the longevity of the battery.
11. Keep feet on pedals at all times while riding.



80km/h is the maximum design speed. Please DO NOT exceed maxium speed regulated by local laws when riding this e-scooter. Otherwise, it may be dangerous.

Unfolding



Step 1

Lift up front fork (please adjust the position of locking shaft if needed)



Step 2

Put down the folding lever. And make sure the locking shaft is well positioned like the photo above:



Step 3

Adjust the position of the protection nut



Step 4

Insert the protection pin to complete the unfolding.



Very important: please make sure the locking shaft is LOCKED securely!

Folding



Step 1

Take out protection pin by pushing the head of the pin and start to fold.



Step 2

Adjust the position of the protection nut



Step 3

Pull up the folding lever to fold the scooter. The locking shaft will move like the photo above:



Step 4

Lay down the front fork to complete the folding.

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, ECO mode is activated which will reduce torque and top speed to maximize range. When the button is not pressed, TURBO mode is activated and there is no restriction of power.

The SINGLE/DUAL switch toggles single or dual motor drive. By pressing down on the button, DUAL motor drive is activated. When the button is not pressed, SINGLE (rear) motor drive is activated.

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

Display Settings –Wolf Warrior 26Ah

The Wolf warrior 26Ah scooter is equipped with the following display:



Gear change. While the scooter is powered ON, press the POWER button to enter gear setting mode. Press MODE to switch between gears. Gear 1 is for slow speeds, gear 2 is for medium speeds, and gear 3 is for fast speeds. To return to operating mode either press POWER or wait for 2 seconds.

- 1.Speedometer: Shows the speed at which you are travelling.
- 2.Battery Indicator: Displays battery levels, do not let it run out of battery. As a rough guideline, charge at or below 2 bars.

- 3.Power Button: To turn the scooter on or off press button for 2 seconds.
- 4.Accelerator: Pull to accelerate. The stronger you pull, the faster it accelerates. The scooter is delivered in “Non-Zero Start” setting (Kick-And-Go is ON). The accelerator only works if the scooter is already in motion.
- 5.Mode Button: Press to select various display options:

MODE	COMMENT
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 display's USB port to charge e.g. 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. Cycle 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 (11= 11 inch). Do not change.
P1	Controller shut-down voltage. Default set to 52V (minimum is 48V – we recommend 52V to preserve battery life).
P2	Motor magnetic pole setting. Default is 30. Do not change.
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=strong, 1=soft.
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).
PB	Scooter auto-turn off time in minutes.
PC	Display brightness (1=low, 2=medium, 3=high)

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

Display Settings –Wolf Warrior 35Ah

The Wolf Warrior 35Ah scooter is equipped with the following LCD display:



1. Speedometer: Shows the speed at which you are travelling.
2. Battery Indicator: Shows battery levels, do not let it run out of battery. As a rough guideline, charge at or below 2 bars.
3. Gear: Shows the selected gear.
4. Gear selector: Press to set gear (1=slow, 2=medium, 3=fast).
5. Power Button: To turn the scooter on or off press button for 2 seconds.
6. Accelerator: Pull to accelerate. The stronger you pull, the faster it accelerates. The scooter is delivered in "Non-Zero Start" setting (Kick-And-Go is ON). The accelerator only works if the scooter is already in motion.
7. Mode Button: Press to select various display options:

MODE	P-SETTINGS
TIME	Time since powering on the scooter.
TRIP	Distance travelled since powering on the scooter.
ODO	Total distance travelled.
VOL	Current voltage.
CHA	Number of times battery has been charged (only full discharges are counted)

Detailed P-settings mode. To access P-settings to make various advanced changes, press MODE [7] for 2-3 seconds.

Switch through the P-settings using the MODE button [7]. In order to change a P-setting, press GEAR button [4]. To return to operating mode, simply wait a few seconds.

P-SETTINGS	
P0	Tire diameter (11 = 11 inch). Do not change.
P1	System voltage. Default 60V. Do not change.
P2	Motor magnetic pole setting. Default 15. Do not change.
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 not in motion; 0=immediate start (CAUTION while using this)
P6	Cruise control. 0=cruise control OFF, 1=cruise control ON. Advanced riders only.
P7	Initial acceleration. 0=strong power, 5=least power.
P8	Speed limit as % of top speed, i.e. 100=no speed limit.
P9	Motor torque. 1=50% of max. torque, 2=75% of max. torque, 3=max. torque
PA	Electric (regenerative) braking strength (E-ABS). 0=None, 1=Weak, 2=Medium, 3=strong.
PB	Display brightness (0=0, 5=highest illumination)
PC	Scooter auto-turn off time in minutes (1-30 minutes).
PD	ABS (anti-lock braking system) setting. 0=ABS off, 1=ABS on (as in a car, the brake engages and disengages rapidly to prevent the wheel from blocking) WARNING: Due to increased vibration and force and on scooter components when using ABS, users should frequently check that all bolts are properly fastened.

Cruise Control. Cruise control allows riders to maintain 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 3-5 seconds until Cruise Control kicks in and the scooter travels at a constant speed without rider 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.

Start

You should choose an appropriate place when first riding, which is outdoors and should be flat, smooth, without obstacles or slipperiness.

Riding

1. Press power switch to start.
2. Put one foot on the front section of the pedal and other foot on the ground. Boost yourself forward by the foot on the ground to start riding. Slightly pull the accelerator and tilt body forwards.
3. When the scooter starts to go forward, get your feet both on pedal. The harder you press the accelerator, the quicker you will be.

Parking

Slightly and gradually brake to cut power and slow down.

Do not brake hard, otherwise it may lead to tire attrition, or sudden loss of power and cause the scooter to fall down.

Battery & Charger

Every scooter is equipped with a specialized lithium battery and a specific, intelligent charger, so do not adopt other brand's charger.

Lithium Battery

It is time to charge the scooter when the battery meter flickers or there is only one bar of power left. If the scooter is not used for long time, please charge it once a month at least, otherwise the battery may become damaged.

Charger

After the scooter is fully charged, please unplug the charger in as soon as possible.

Instructions of Charging

1. Insert the charging plug into the charging port of the scooter first and then plug the other end to the AC supply.
2. The scooter is being charged when the indicator light of the charger shows red. when the red light turns to green, it means the scooter is fully charged.