

AOKDA AO-A1

AOKDA

# USER MANUAL

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE RIDING

# AOKDA



Scan QR Code Or Enter URL for Online Installation

<https://www.youtube.com/watch?v=4KtCPp1S1nY>



# Read This Manual Before Using

## Why Is It Necessary To Read This Manual Before Operating?

- 1、 This manual was written to help you understand the proper use and maintenance of the AOKDA line of Electric Scooter.
- 2、 It is important to understand the functions and features of the new AOKDA before operating it as it will allow you to enjoy it from every ride.



## Disclaimer & Warning

During the cycling process, comprehensive safety measures should be taken, and risk awareness and good judgment should be maintained at all times to avoid injuries as much as possible.

- The responsibility for AOKDA maintenance is yours! Proper and frequent maintenance will reduce risks of injuries.
- Please wear a helmet, protective gear, and other safety measures when riding.
- Always follow local laws and regulations.
- Do not perform stunts, spins or jumps; if you insist on doing these dangerous actions, please take full protective measures.

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# Product & Component Display



01: Instrumentation  
02: Electric door lock

03: Accelerator  
04: Brake lever  
05: Vertical pole buckle  
06: Front lights  
07: Front mudguard

08: Front shock absorber  
09: Front disc brake  
10: Front brake pads  
11: Front wheel  
12: Charging port  
13: Side lights  
14: Rear shock absorber

15: Rear wheel  
16: Motor  
17: Rear disc brake  
18: Brake lights  
19: Lift handle  
20: Folder  
21: Plug

# Product & Component Display



01: Brake handle  
02: Front light switch  
03: Handle fixing knob  
04: Accelerator  
05: Brake handle

06: Turn signal switch  
07: Horn  
08: Electric door lock  
09: Gear  
10: Speed

11: Total mileage  
12: Battery level  
13: Accelerator  
14: Power on button  
15: Gear position

# Product Parameters

Model	AO-A1	Tire Size	10 inch
Battery	48V/12.5Ah	Tyre Type	Air tires
Power	800	Charging time	6~8 hours
Display Screen	Color	Frame Material	Aluminum alloy
Max Speed	25-45KM/H	Net Weight	20.1KG
Range	20-30KM	Gross Weight	23.6KG
Max Load	120KG	Package Size	124*30*41cm
Break	Front and rear disc brake		
Light	Front LED headlights, side lights and tail lights		
Adapter	Input 100-240 V 50/60Hz 2.0A, Output 54.6 V 2AMax		

The weight of the tester is 80kg, and the range of the flat road test is 20-30km. The length of the range depends on the weight of the rider, the riding conditions, and the temperature; If the weight of the cyclist exceeds 80kg, the road conditions are rough, and the temperature is low, the range will be correspondingly shortened.

# Products & Accessories



SERIAL NUMBER	ITEM	QUANTITY
1	Charger	1
2	Toolkit	1
3	Instructions	1



# Product Installation

01

Remove the scooter from the packaging box



02

Press the folding buckle with your fingers to unfold the vehicle body



03

Grasp the handlebars with both hands and quickly lift the car body. When you hear a clicking sound, it means it is locked



04

Pick up the latch after locking the vehicle body



05

Insert plug



06

Prepare to unfold the handlebar



07 tighten and lock the handle



08 Ensure that the handle is fully secured



09 Release the upright pole buckle



10 Adjust the upright pole to the appropriate height



11 Lock the upright pole buckle



12 Assembly completed



# Product Folding

01 Turn out the handle fixing



02 Put down the handle



03 Pulling out the plug



04 Press and hold the fold button with your fingers





05 Until the body is in a folded state




06 Folding completed



# Power On & Unlock

Insert the key, turn it clockwise to turn on the power, and long press the power button  on the meter panel to turn it on .

After unlocking, please wear a helmet and protective gear before cycling, and ensure that all functions of the scooter are normal before starting your cycling.

After cycling, please press and hold the power button  on the instrument panel to turn off the power, and then turn the key counterclockwise to turn off the power. Warning, please do not turn the key counterclockwise to turn off the power without turning it off. Doing so will reset your total cycling mileage data to zero. Please be aware.

# Safe Driving Warning

Certain countries of regions require safety devices or gear. It is your responsibility to know the state laws and follow them. However, we strongly recommend safety gears to be donned before operating the device.

TIRE AIR PRESSURE: THE TIRE IS PRESSURIZED TO THE STANDARD VALUE ON THE TIRE

## SAFETY GEAR

Helmet: Most common and serious injuries from riding are head injuries. This can be prevented by donning a helmet. You must wear a helmet when riding the AOKDA Scooter. The helmet must be worn according to their instruction.

## MECHANICAL SAFETY

Before using the AOKDA Scooter:

- 1) Always perform a visual inspection of all screws and nuts are tight and in place. If anything is amiss or missing and you are unsure, please contact the seller to confirm safety before use.
- 2) Check the tyres and wheels and that it is not showing signs of wear and tear; Always ensure that the brake mechanism is not touching the wheels and allows free spinning.
- 3) Always perform mechanical checks of brakes and other parts of the scooter that allows visibility, safety and functionality of the scooter to be.

## RIDING SAFETY

- 1) Put one foot on the board and the other on the ground.
- 2) Press the accelerator lever slightly, and the scooter accelerates. Put both feet on the board after you can keep balance. Press down the lever to speed the scooter up.
- 3) Release the accelerator to slow down. Squeeze the brake lever at the left handle bar to stop the scooter.
- 4) Tilt your body slightly to the side you want to turn, and slowly turn the handlebars.
- 5) Do not ride in the rain.
- 6) Please slow down before speed bumps, potholes and other uneven surfaces. Bend your knees to steady yourself on the complex road.
- 7) Do not accelerate downhill.
- 8) Do not hang heavy objects such as backpacks on the handlebars.
- 9) Do not press the accelerator when you walk on foot.
- 10) Do not ride on the roadways.
- 11) Do not turn suddenly at high speed.
- 12) No riding to water above 2cm.
- 13) No riding with another person or a child.
- 14) Do not step on the fender.
- 15) Do not touch the disk brake after braking frequently, it will be very hot!
- 16) Do not release the handlebars while riding!
- 17) No riding upstairs or downstairs!

# Battery & Charging

## BATTERY

- **Do not charge indoors.**
- Do not turn on and operate the scooter while charging.
- Keep the battery away from children, pets or direct heat.
- Do not expose the battery to high temperature and pressure.
- Please use the charger included with the scooter for charging.
- Please do not throw away batteries at will to avoid polluting the environment.
- Do not store the scooter over a long period of time with an almost empty battery.
- From time to time, discharge the battery by riding. Have the battery recharge again and make sure to not leave battery fully empty.

Do not charge if the scooter has the following conditions occur:

- The battery leaks.
- The battery is damaged.
- The battery heats up or is deformed.
- The bottom or overall of the deck overheats.

The use, storage or charging of the battery outside specified limits may result in the annulment of the warranty, battery damage and an effective battery charging.

# Battery & Charging

## First Charge

It is important to fully charge the battery before your first use of the scooter.

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Your scooter's battery comes with these built-in features:

1. Balanced charging protection: During charging, the battery automatically balances the voltage among the internal cells to protect each cell.
2. Over-charging protection: The battery stops charging automatically when full to protect against damage.
3. Over current protection: The battery automatically stops charging if the voltage is higher than prescribed voltage to protect the battery.
4. Over discharging protection: The battery automatically stops discharging when its voltage drops below Under voltage value to protect the battery.
5. Short-circuit protection: the battery automatically stops output in the case of a short-circuit.

## How to charge

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### **1. Do not charge indoors.**

2. Ensure that scooter is **TURNED OFF**. Connect external power charger to scooter.
3. Connect charger to electrical outlet, then turn on the power of electrical outlet.
4. Do not charge the batteries in temperatures below 5 °C or above 40 °C. The battery may stop the charging process.
5. The charger lights up RED- The battery is charging. The charger lights up GREEN – The battery is fully charged.
6. After the battery is fully charged, please unplug the charger in time.



# Error Code

Error Code	Fault	Diagnostic Step	Solution
E-01	Motor Hall failure	Check whether the motor wires are connected properly or whether the colored wires are connected incorrectly.	If there is no problem with each circuit, the motor needs to be replaced.
E-02	Brake lever failure	After the system is powered on, check whether the brakes are working properly.	If the brake signal is less than 0.75V for a long period of time, the brake lever needs to be replaced.
E-06	Low voltage protection	Check if the battery is used up.	The battery is dead and needs to be charged.
E-07	Phase fault	Check whether the motor wires are connected properly or whether the colored wires are connected incorrectly.	If there is no problem with each circuit, the motor needs to be replaced.
E-08	Accelerator failure	Check if the accelerator is reset.	After the accelerator is reset, if the handlebar signal is still less than 0.75V, the accelerator needs to be replaced.
E-09	Controller failure	Controller failure	Replace controller
E-10	Communication failure	The controller cannot receive the instrument signal. Check whether the yellow line of the controller is connected properly.	Replace meter
E-11	Communication fail	The instrument cannot receive the signal from the controller. Check whether the green line of the controller is connected properly.	Replace controller

# After Sales

Dear customer,

Thank you for choosing our product! To ensure that you can install and use our product smoothly, we strongly recommend that you visit our official website to view the related video installation tutorials and after-sales parts replacement videos.

On our official website, you can find detailed video tutorials that guide you on how to correctly install and use our product. In addition, we also provide after-sales parts replacement videos to ensure that you can correctly perform the replacement when needed.

We hope these videos will help you better understand and use our product. If you still have questions or concerns after watching the videos, please feel free to contact our customer service team, and we will be happy to assist you.

Thank you again for your purchase and support!

Wishing you a pleasant user experience!

# AOKDA

<https://www.aokda.com>



<https://www.youtube.com/@AokdaBrand>

# Limited Warranty

BY USING THIS PRODUCT YOU AGREE TO THIS LIMITED WARRANTY.  
PLEASE READ THIS LIMITED WARRANTY CAREFULLY.

To benefit from the limited warranty, the customer is advised to read AOKDA Warranty terms together with the “care and maintenance” sections provided in the user manual. This limited warranty applies to the extent permitted by law and unless restricted or prohibited by law.

Attentions for warranty Faults caused by any of following causes are not within the scope of warranty:

1. Failed to maintain according to this user manual.
2. Product damage or defects caused by improper driver operation.
3. Damage caused by misuse, traffic accident or accidental collision.
4. Damage caused by riding on abnormal roads or accidental collision.
5. Damage of the vehicle caused by natural disaster or irresistible force.
6. Products which have had their serial numbers removed or tampered with.
7. Defects or malfunctions of the product not notified by customer during the Warranty Period.
8. Products used for commercial purposes including but not limited to leasing/hiring, use in competitions etc.
9. Performing high-risk actions such as stunts, spinning, or jumping lead to rapid aging or malfunction of the product.
10. Expose this product under blazing sun or outdoor for along time,as that will speed up the aging process of the product and cause malfunction.
11. Defects or damages from improper storage, exposure to moisture or dampness, modifications, connections, repairs (except as carried out by AOKDA or its authorised centres), misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of AOKDA, including damage caused by dropping, blown fuses, liquid entering the interior of the product.

<u>Warranty Card</u>			
Dear user, Thanks for using our electric scooter. Please fill in the form below clearly for sake of better after-sale services.			
User	Name		Workplace
	Tel		
	Add		
Date of Purchase		Serial number	
Model		VIN	
Invoice Number		Battery serial number	
Distributor	Name		
	Contact		
Note			

## Shenzhen Jiachebao Technology Co., Ltd.

Address: Room 505,5th Floor,Building A,Liuwei Business Center,



No.5,Longjing Community,Bantian Street,Yangmei Community,

Longgang District, Shenzhen



WhatsApp: +8613612953725



Customer support: support@aokda.com



Official website: www.aokda.com

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