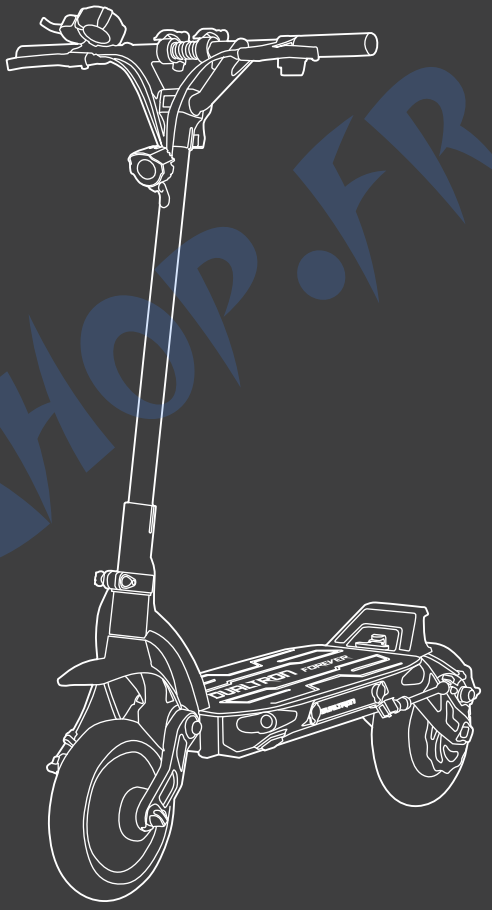
DUALTRON

FOREVER

Personal Mobility

# PRODUCT MANUAL



RECICLA
RECYCLE

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Scan the QR code to download the latest user materials
and obtain the latest updates and safety instructions.

DUALTRON

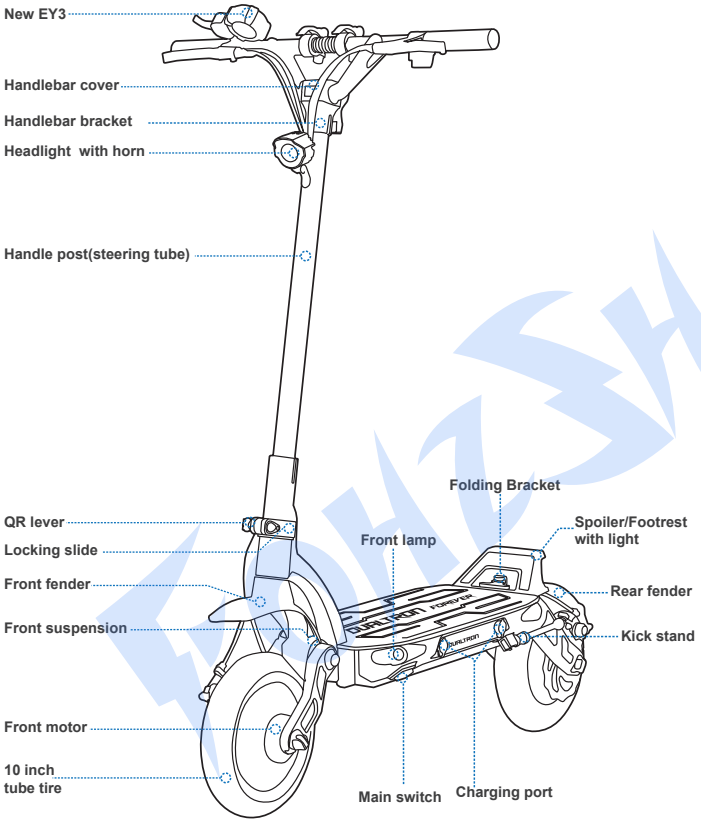
The dream of electric technology.

Pictures for reference only, subject to our existing products.

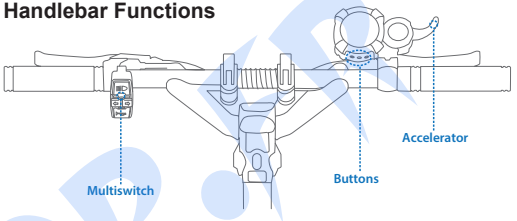
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DUALTRON
MINIMOTORS

# Diagram And Functions




## Handlebar Functions




| Name | Function | Operation method |
|---|---|---|
| Headlight button | Turn on/off headlight | Press the light button, turn on/off the headlight. |
| Turn Signal Button | Turn on/off the left/right signal | Press the left/right side of the Turn Signal Button, the left/right turn signal will keep blinking. |
| Horn Button | Turn on the horn | Press the Horn Button, the scooter will beep once. |
| Power button | Turn on/ off power | 1.Press and hold the Power button to turn on/off the scooter.<br>2.Press the button to adjust the speed gear. |
| Set button | Settings | 1.Press and hold the Set button to enter/exit ECO mode.<br>2.Press the button to switch battery voltage/ percent indication |
| Mode button | Mode selection | 1.Press and hold the Mode button to enter/exit the mode setting,and automatically return to the main interface after 30s.<br>2.Press the the Mode button to switch TRIP/RANGE/ODO . |
| Accelerator | Speed up | Pull the throttle to accelerate. |

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# Specifications

| | Item | Parameter | |
|---|---|---|---|
| Product | Model | Dualtron Forever long body | Dualtron Forever ltd |
| Battery | Battery Capacity | 60V18.2Ah CN | 60V24Ah CN |
| | Range | 60km | 80km |
| | Charging Ambient Temperature | 0 to 40°C (Battery temperature exceeds 55°C,BMS start protection program.) | |
| | Battery Management System | Over-heating, short circuit, over-current, over-discharge and over-charge protection | |
| Rider | Max. load | 120kg | |
| | Recommended Age | 16–60 years old | |
| | Required Height | 3'11”-6'6” (120-200 cm) | |
| Display | Type | NEW EY3 display(DUALTRON APP available) | |
| Motor | Motor Type | BLDC Hub Motor | |
| | Nominal Power | 900Wx2 | |
| Machine | Net Weight | Around 24.5kg | Around 27Kg |
| | Max. Slope | Around 36.4%[20°] | |
| | Drive System | Dual motor drive | |
| | Speed | 25km/h | |
| | Length × Width × Height | 1220mm×620mmx1250mm | |
| | Folded: Length × Width × Height | 1220mm×620mmx525mm | |
| | Wheelbase | Approx.920mm | |
| | Ground Clearance | Approx.170mm | |
| | Traversable Terrain | Asphalt/flat pavement; obstacles < 5 cm; gaps < 5 cm | |
| | Operating Temperature | -5 to 45°C | |
| | Storage Temperature | -20 to 50°C | |

Eohworks

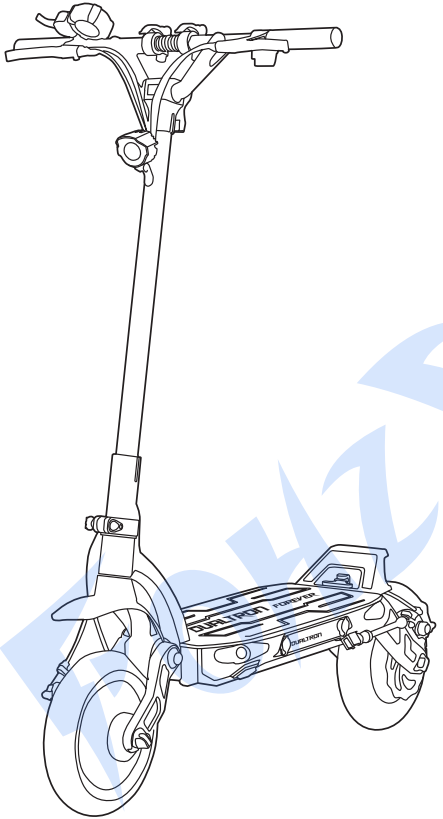
# Specifications

| | | |
|---|---|---|
| Brake | Machine Brake | Wire disc brake |
| | Electric Brake | ABS&EBS (Indicating the battery temperature exceeds 55°C,BMS start protection program,ABS/EBS fails.) |
| Charger | Input Voltage | 100-120V/200-240V~ |
| | Max. Output Voltage | 66.4V1.75A |
| Tire | Type | 10 inch tube tire |
| | Tire Pressure | 50 psi |
| | Material | Rubber |
| Suspension | Type | F&R rubber suspension cartridge（replaceable） |
| | Optional | （Default）Softest Medium soft Medium Medium hard Hardest |

*Disclaimer: this is not a legal opinion or legal advice. The information provided herein (including in the App) is for your convenience and information purpose only. It is not intended to cover every piece of law and/or regulation that may be applicable to this product. DUALTRON explicitly hereby disclaims any and all warranty and/or representation, express or implied, related to completeness, accuracy, up-to-date of such information. DUALTRON reserves the right but not obligation to correct, implement and/or update the information. You shall use the information at your own risk. It is your sole responsibility to learn and understand any and all the law and/or regulation, requirements, prohibition, restriction and/or limitation imposed by either law, government authority, court, private party or the others that may apply to your use of this product.

*Theoretical Range: tested while riding with a full battery, 75 kg load, 25°C, at the speed of 25 km/h on average on pavement.
*Typical Range: tested while riding with a full battery, 75 kg load, 25°C, at the speed of 50 km/h on average on pavement. (Some of the factors that affect range include speed, number of starts and stops, ambient temperature, etc. )
*Max.Speed: tested while riding with a full battery,75kg load,25°C,straight road on flat road with no wind. (Some environmental factors can affect max speed,un-even roads, crooked roads, temperature, wind, etc.)

# Packing List



## Accessories



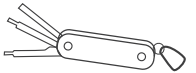
Battery charger x1



Manual



Screw Cap x 2



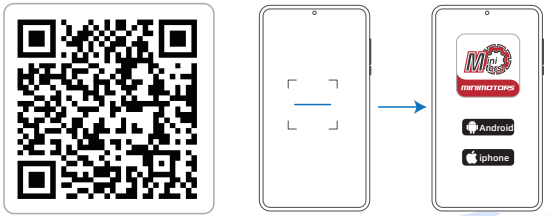
Multitool x 1

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# Bluetooth Connection

## APP Download Guide

**Method 1**



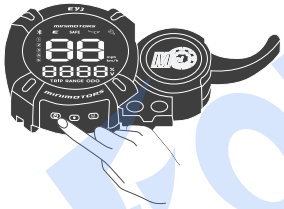

1.Scan the QR code to download the APP.
2.Choose the mobile phone system that suits you to install,and register / log in.

**Method 2**

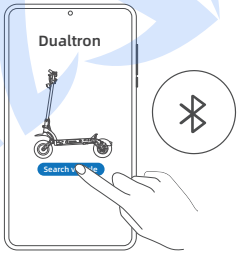



1.Search "DUALTRON" in the application and download it, and register / log in.

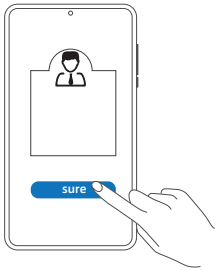
## Pair the Bluetooth on the APP



Power on the scooter.

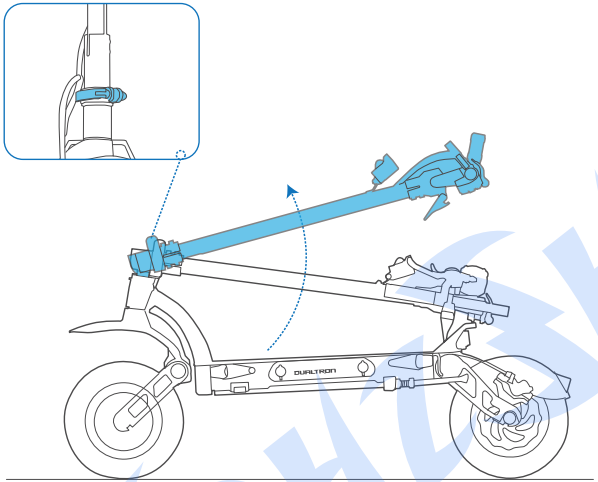



Click “Search vehicle” and pair with your scooter. * The scooter is connected to the Dualtron app when the Bluetooth symbol lights up.

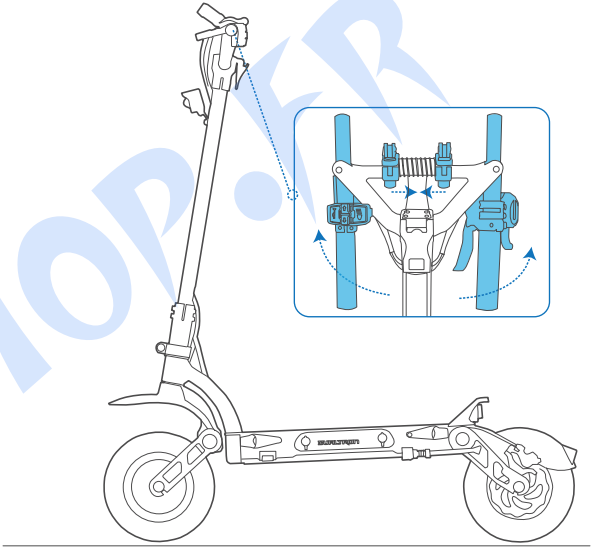



Select “bind as owner".
(No one else can connect, only people authorized by you are allowed to connect. Authorizations are created on the app.)

# Assembly

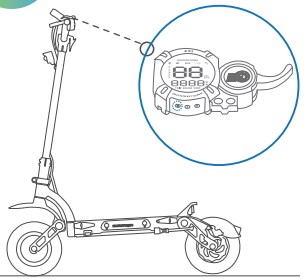


① Release the QR lever,raise the locking slide upwards, raise the steering tube, then lower the locking slide downward.
② Tighten the finishing screw properly to lock the QR lever so that the locking slide is firmly fixed in any direction, and check for looseness during use.

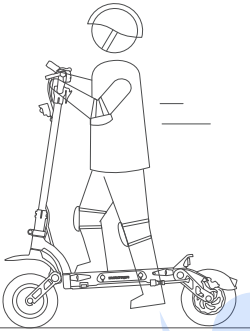


① Loosen the QR lever, pull the locking slide inward and raise the handlebar, then close the QR lever and tighten the set screw.
② Align the locking slide with the safety line and lock it so that it is firmly fixed with the QR lever. Always check for looseness during use.

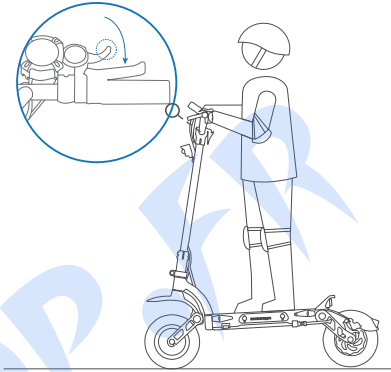
# How to Ride



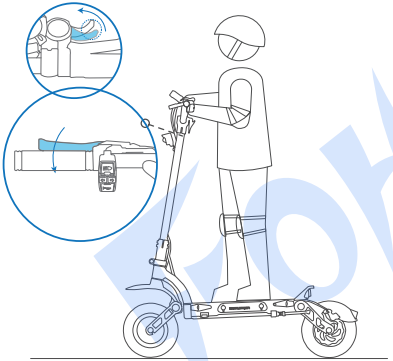
**1.** Power on the scooter and choose the speed mode. * Please choose the speed mode before riding! Note:Speed mode can be choose via the Dualtron app.



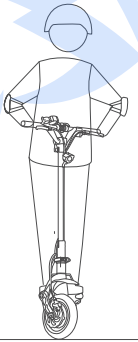
**2.** Stand on the footboard with one foot and push off with the other foot to start gliding. *Make sure you have disabled SAFE mode.(SAFE mode setting via Dualtron app.Deactivate safe mode by squeezing brake lever.)



**3.** Put both feet on the footboard and stand stably. Pull the throttle to speed up.



**4.** Slow down by releasing the throttle and squeezing brake levers.



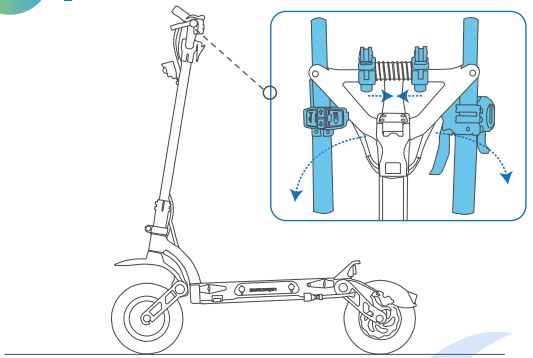
**5.** To turn, shift your body and turn the handlebar slightly.
* Please watch out for road conditions, sufficient turning space is required.



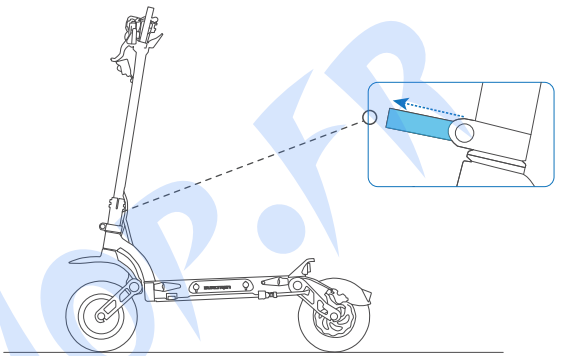
When hard braking, serious danger or injury may occur. Maintain a moderate speed and look out for potential hazards.

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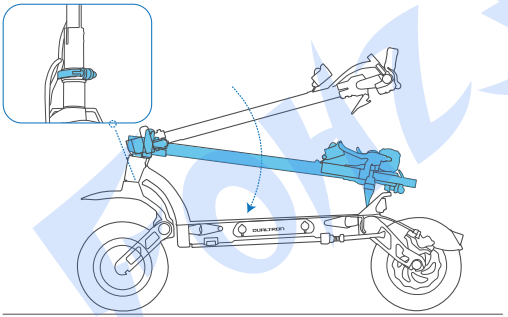
# Folding



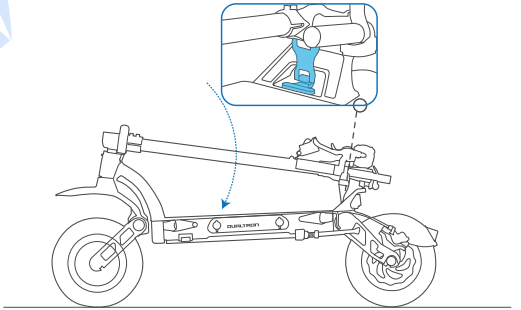
Loosen the QR lever, push the locking slider inward and fold the handlebars down.



Loosen the QR lever and move the locking slide upward.
⚠You must hold the steering tube with your hand to prevent falling down and hitting.



Lay the steering tube down while raising the locking slide.



Lock the handlebar hook to folding bracket.
⚠Ensure that lock the handlebar when lift scooter.

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