



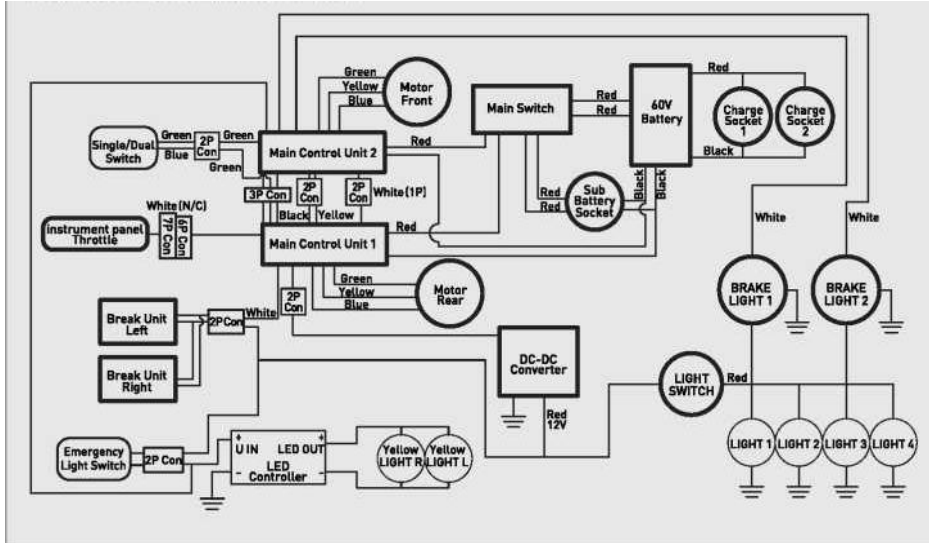
# DUAL MOTOR PERSONAL MOBILITY

The Legend of Electric Technology Powered by DualStrong

## User Manual



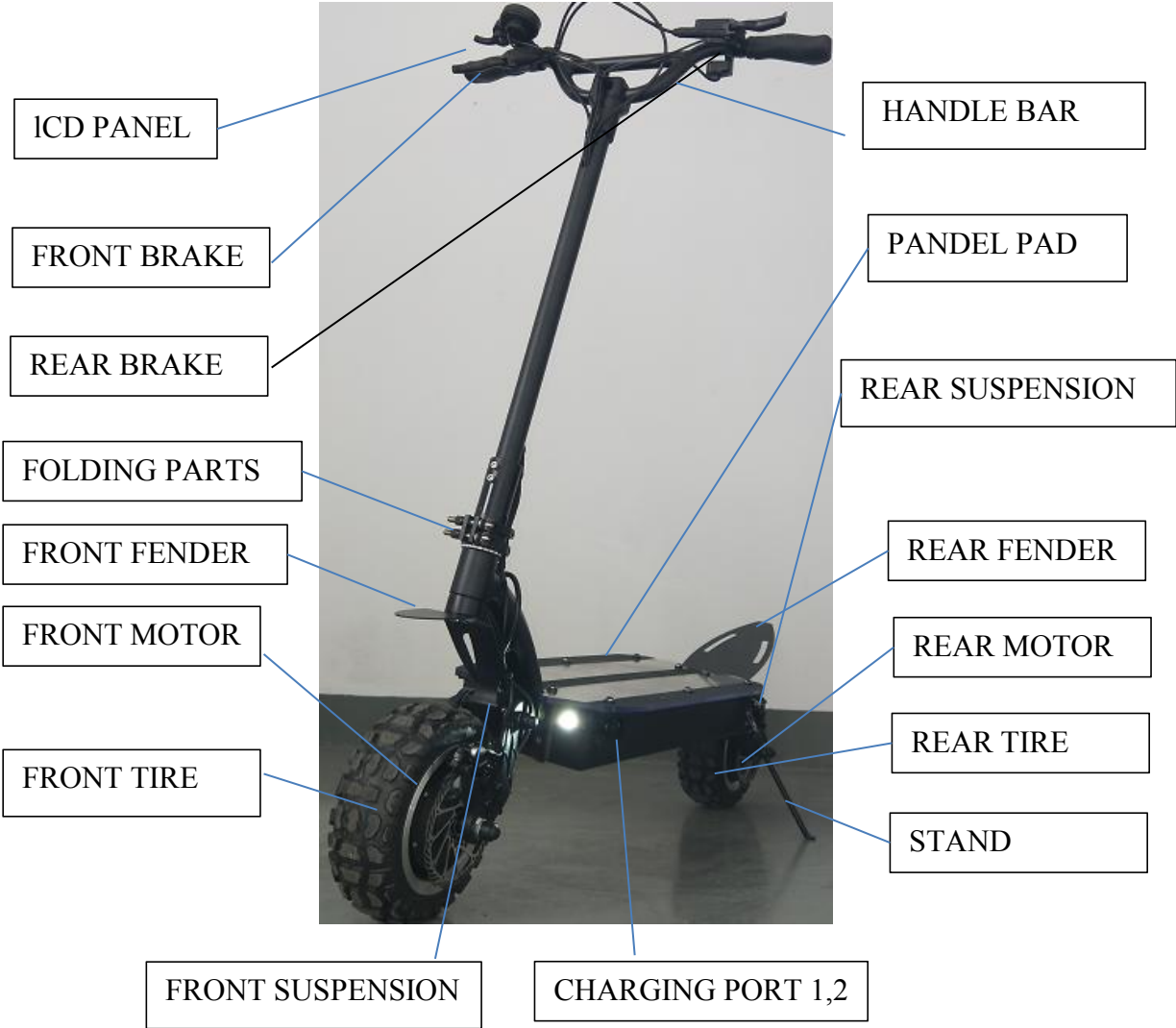
## Product structure



Product size (Length x Width x Height)

Unfolded size(135 x 60 x122cm). Folded size(135 x 60 x 52cm)

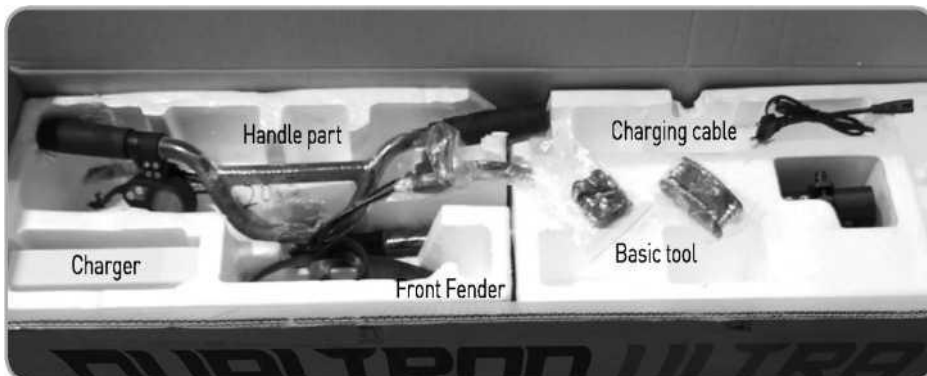




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## Product components

Check the components inside of the box



Top : Handle part / Default charger(2A), Default tool,

As shown in the picture above, the box consists of two stages and contains the contents related to the product. Please check if the contents are the same as the picture when you open and please get the help of the service center if the user can not assemble it.



# How to use the product

## 1) How to assemble



### (1) Product assemble

1. If the product is lifted with only handle bar, the inner shaft may be damaged due to the much Load on the folding parts.
2. Therefore, when lifting the product, it is better to raise the handle bar first, then lift the body deck part of the product with both hands and lift it slowly to prevent damage to the folding part.

### Assembling handle bar

1. Loosen the screw on the handle mount with a 5mm hex wrench included in the basic tool. After aligning the handlebar with the center, cover the cover of the mount and tighten the fixing bolt.
2. Do not tighten all the bolts at once and tighten it in the order of 1~4 tightly.

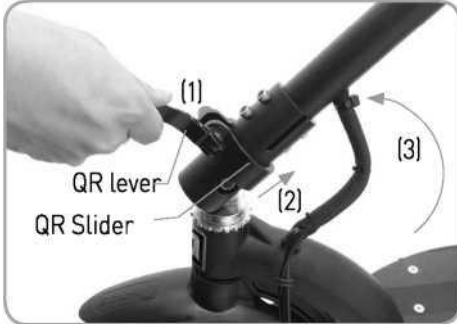


### (2) Assembling front fender

1. Loosen the fixing bolt of the front fender.
2. Put the front fender to swing arm.
3. Put the fixing bolt into the bolt hole again and turn it to clockwise.
4. When it gets into well, use a 4mm hex wrench in the basic tool to tighten.
5. Tighten fully until it doesn't turn any more.

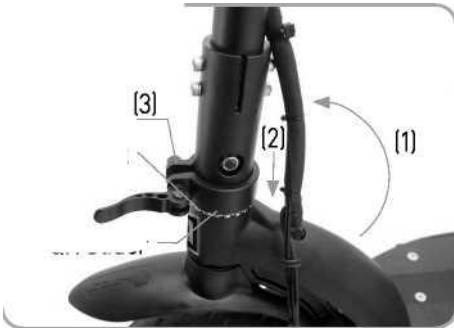


## 2) How to unfold



### (1) Releasing QR lever

After unfolding the QR lever outward, pull up the damp set and raise the handle post.



### (2) Raising handle post

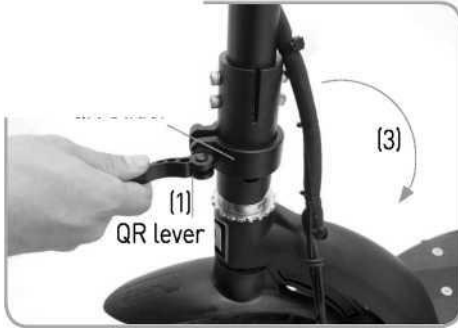
When unfolding the handle post, raise the handlebar while pushing the deck with foot, and then lower the QR clamp set down completely and tighten the finishing screws on the right.



### (3) Fixing the folding part

When the QR lever is locked inward as shown in the picture, the handle unfolding is completed. If the folding lever is not completely locked, a safety accident while driving can be occurred. Before and after running, always check if there is a gap in the folding part, and a folding part or handle part, the bolt&nuts of all the fixing parts of the product are properly tightened and the fastened parts are not loosened.

### 3) How to fold

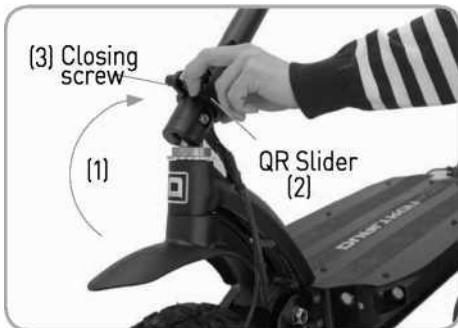


#### (1) Releasing fixing folding part

Unfold the QR Lever outwards and pull the clamp set up, and then Lay the handle post in the direction of the arrow.

#### (2) Folding handle post

When folding the handle post, hold the post and lower it toward the deck. Raise the QR clamp set up and tighten the right finishing screws.



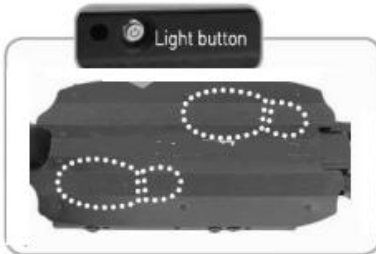
#### (3) Fixing folding part

Fold the QR lever inward as shown in the picture and fix it to complete the product folding.





# How to Drive the scooter



## (1) Turning on the instrument panel

Press the power button on the instrument panel for 2 seconds to turn on the instrument panel. Users can determine the appropriate departure speed for users, using the cruise mode and using the electric brake, etc. in the detailed

## (2) Stand for driving

Please find a stable position on the deck and then hold the handle grip comfortably. (Be sure to turn on the light button when driving at night.) Be careful not to raise your foot on the rear fender.

## (3) Change of acceleration, deceleration and driving method

Acceleration can be performed by using the throttle of the instrument panel while driving, and the deceleration or stop can be performed by holding the brakes on both handles. Eco and turbo means low speed model and high speed model. Dual and single means dual motor or single motor.

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## 5) How to stop



### (1) Decelerate with rear brake A

When stopping while driving, use the rear brake to decelerate slowly. There is a risk of overturning when braking suddenly with front brake. It is necessary to practice to stop after decelerating safely with the rear brake.

### (2) Stop safely

Always use the front and rear brake levers together to stop smoothly and safely after decelerating with the rear brake.



### (3) Deceleration and brake with electric brake

Be sure to set whether or not to use and strength of the electric brake among the detail functions of the instrument panel beforehand. If the use of the electric brake is set, the electric brake works together with the brake level when driving to increase the braking power.

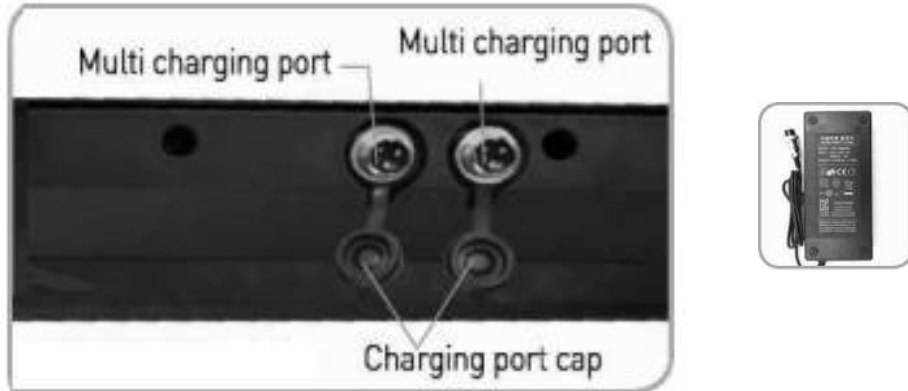


### (4) Check for safe braking A

For safe braking, be sure to check for exfoliation, disconnection, etc. on the brake cables and lines before driving.



## 6) How to charge



### (1) Standard charging method

1. As shown in the picture, you can open one of the two right-side charging ports and connect them to the charger connector and connect them into a household outlet.
2. Charging status indicator, Red : not fully charged, Green : fully charged.
3. Be sure to close the charging port cap when driving and storing except when charging.
4. When connecting the connector to the charging port, metallic sparks due to the voltage difference may occur, but this is normal.

\* CAUTION : Do not multi charge the battery in case of quick charging.

### (2) Using the motor system selection button (red)

The red motor system selection button is a selection button that determines whether to use only one motor or two motors. If you want efficient energy driving, single drive is recommended. Operate in case of dual or single switching during operation without operating the accelerator.

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## 8) How to control instrument panel

### (1) Instrument panel main screen^ Adjusting the speed step

To adjust the speed Level in the main screen while the instrument panel is on, press  $\odot$  to display the currently set speed level. At this time, press  $\odot$  the button to set the speed step(L1 - low speed, L2 - medium speed, L3 - high speed). Press  $\odot$  to confirm the set speed step value and finish setting.

\* When L1 (low speed) is selected, slow start does not work even if P7 (start mode) is

### (2) Mode functions and setting method of main screen

Each time you press  $\odot$  the button briefly on the main screen, the mode changes to the next mode.

Mode	Description
TRIP	Current mileage (Press and hold the mode button to set "0")
OD0	Accumulate mileage
CHA	Not used
VOL	Current voltage(VoLt)
DST	Not used
TIME1	Power ON time

\* Note : The voltage displayed in VOL mode has about 1V - 2V difference from actual battery voltage

### (3) Returning to the main screen after setting details

Press  $\odot$  again to finish all settings and return to the main screen

### (4) Setting detail functions of the instrument panel

Mode	Display values and settings
P01	Back light of lcd
P02	KM/Mile
P03	Volts of scooter
P04	Scooter sleeping time
P05	'_
P06	Diameter of the wheel
P07	The magnet quantity
P08	'_
P09	Zero start or one start
P10	'_
P11	'_
P12	'_
P13	'_
P14	'_
P15	Under volts
P16	ODO clear(5s long press)
P17	Cruise mode
P18	The power of electric Brake