

# Easy Fold Sport



INSTRUCTION MANUAL

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## **Introduction**

Dear user:

In order to enjoy a safer and more enjoyable driving experience, you should thoroughly familiarize yourself with the various items described in this manual before driving. Your personal safety is not solely dependent on your own alertness and familiarity with the various operating techniques, but also on your familiarity with the mechanical performance of electric scooters. Every time you drive, you should do an inspection first. Scooter maintenance should be performed regularly.

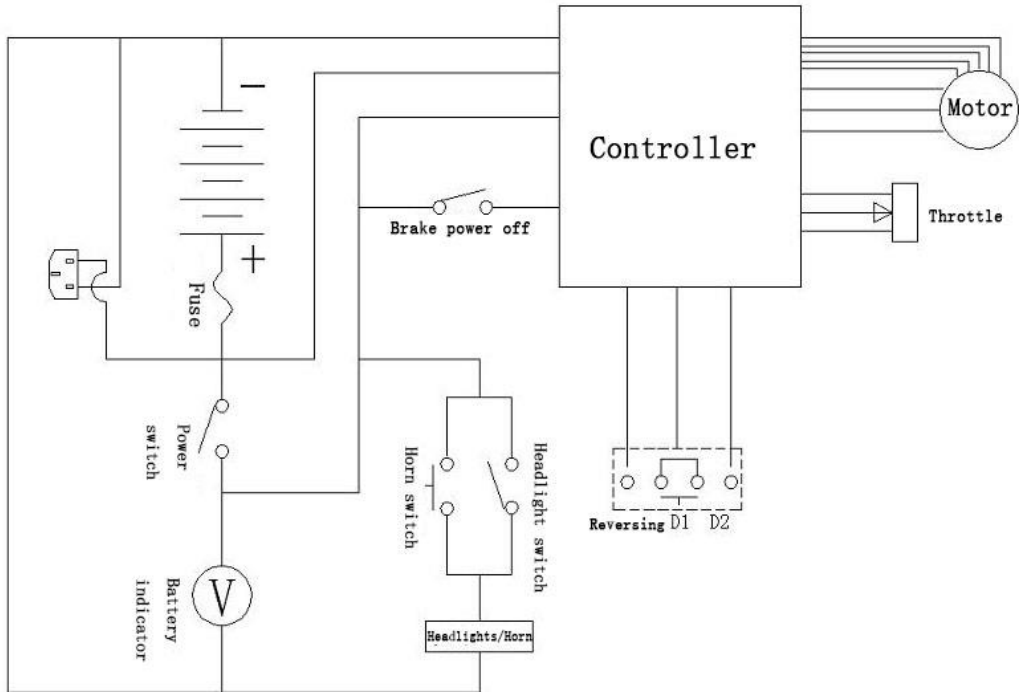
We will not send notification when changes are made to the scooter models.

# Scooter Diagram

Schematic Diagram



# The Electrical Schematic



## Technical Parameters

Model name	Easy Fold Sport	Brake	Disc
Vehicle size (unfold)	41.3*23.2*35.4 inch	Largest load	330 lbs.
Vehicle size (fold)	38*17.7*22.4 inch	Charger	220V/50Hz
Height from the ground	2.55 inch	Battery type	Lithium Battery
Turning angle	47.2 inch	Battery Capacity(C2)	48V/20AH
Vehicle weight (without battery)	42 lbs. w/o battery 42 lbs. w/o battery +13.8 lbs. for extensions	Motor	48VC30/10 inch
Front and rear tire specifications	Front: 8 inch Rear: 10 inch	Motor type	Single-shaft hub disc brake motor
Maximum Speed	≤ 13.6 mph	Rated voltage	DC48V
Front and rear wheel center distance	25.5*19.8 inch	Rated power	48V/250W brushless
Tire pressure (KPa)	220	Controller	48V/6 tube
Climbing ability	≥7°	Under voltage	41.5V±1V
Braking distance	Dry state ≤196" Wet state ≤590"	Current limit value	15A ±1A

## Method of operation

### 1. Description of the operation section (Figure 1)

1.1 Parking switch (1) Locking the scooter: Hold the left brake and press the parking button.

After this time, The wheel locks the vehicle and cannot move; unlock: hold the left brake lever and release the automatic unlock.

1.2 The left brake handle (2) the rear hub brake lever, the left brakes, and the rear wheel stops.

1.3 The headlight switch (3) is turned to the "ON" position and the headlights are turned on, and the "OFF" position is turned off.

1.4 Reverse, Forward (D1, D2) switch button

(4) When the switch button is pressed, the forward and reverse operations of the vehicle can be performed. D1 is for 18km/h speed, D2 is for 22km/h speed, you can choose the speed as you want.

1.5 Horn (5) When the switch button is pressed, the horn will make sound.

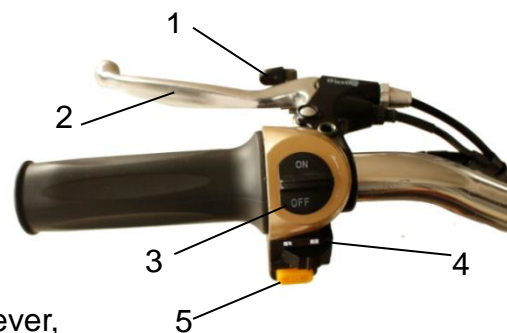


Figure 1

### 2. Description of the operation section (Figure 2)

#### 2.1 Battery indicator (1)

When the power switch is turned on, the lithium battery is displayed, and the battery indicator is in the green light position. Indicates that the battery is fully charged. In the red light position, it indicates that the battery is insufficient and should be charged immediately.

#### 2.2 Key switch (2)

The recreational vehicle can be operated after turn the key, the indicator light is on, and the power on.

### 3. Description of the operation section (Figure 3)

3.1 Charging interface (1): When the low battery is displayed, open the charging port cover. Plug the external power supply into the charging port to charge it.

3.2 Fuse (2): Unscrew the fuse cover counterclockwise, put the fuse, and then Tighten the fuse cover with the hour hand.



Figure 2

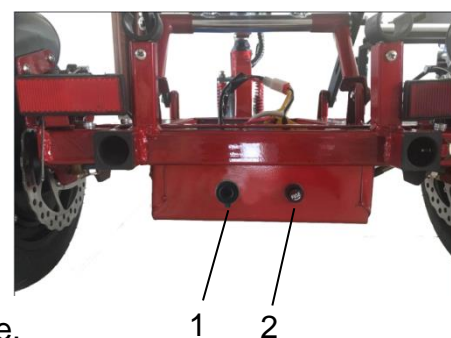


Figure 3

### Folding scooter:

(1) Press the backrest down in the state of **Figure 4**, Folded to the state of **Figure 5**;

(2) Press the left and right fold buttons together to the end, The seat cushion is lowered to the state of **Figure 6**;

(3) Quick release button down, folding lever Flip to the state of **Figure 7**.



Figure 4



Figure 5



Figure 6



Figure 7

5. Front lever telescopic: The spring bolt is pinned out, and the front lever can be stretched to the state of **Figure 8**.

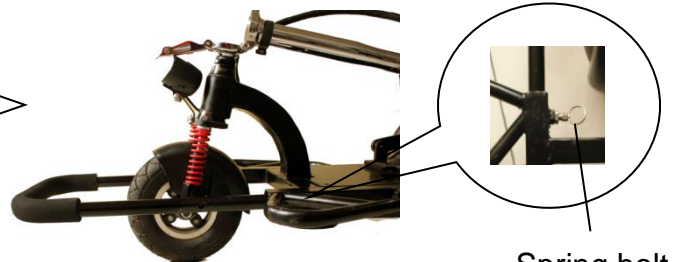
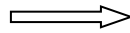


Figure 8

Spring bolt

6. Rear shelf expansion: the spring will be pinned out, and the rear shelf can be stretched to the state of **Figure 9**.

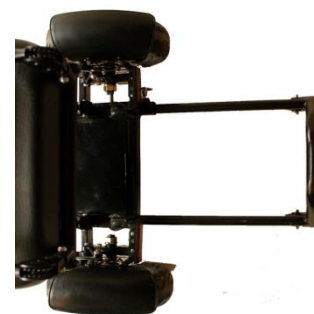
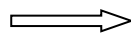


Figure 9



## Battery charging

When charging, the indicator light is red; the battery is full and the indicator light is green. After the indicator light turns green, the charger and the battery automatically enter the floating state, and the floating charge is harmless to the battery.

### 1.Charging operation:

- Parking charging: Please turn off the power of the electric scooter first, then connect the charger and the battery, and finally connect the charger to the 220V AC power for charging.
- Stop charging: Please unplug the charger 220V AC power plug, then unplug the charging plug.
- Lithium batteries should be fully charged after each use regardless of how much electricity consumed.
- Battery should be charged at least once a month when scooter is not in use.
- **The maximum time for charging the lithium battery should not exceed 10 hours. All input and output power plugs must be unplugged after charging.**
- Do not expose battery to high temperature or liquids.
- Use the original charger of the lithium battery to charge.

### 2.Charger care and maintenance:

- The charger shouldn't be carried with the scooter. If necessary, please wrap the charger in soft cushion to avoid bumping and shocking the internal parts/
- The input and output lines of the charger are the wires for electrical connection and cannot be used as ropes for receiving tensile forces such as suspension and binding.
- The charger should not be wiped with liquid.
- Do not touch the contacts located in the "charging port".

- **The environment should be dry and well ventilated during charging. Do not charge in a fueling place or near flammable and explosive materials. Avoid humid or dusty environments when charging.**
- **Do not cover anything on the charger when charging.**
- **If the grid voltage is unstable in your environment, stop charging until the grid voltage is stable.**

## Usage and Safety

- Always inspect before use. Tighten fasteners, if necessary.
- Do not drive across a slope.
- Do not drive under the influence of alcohol.
- Do not tailgate another vehicle.
- Do not operate hand-held communication devices such as radios or mobile phones.
- Do not exceed the safe climbing maximum angle.
- Do not exceed the maximum user weight.
- Always use two hands when driving the electric scooter.
- Use appropriate speed.
- Avoid using in poor weather. Use extreme care if necessary.
- Limit cargo to 30 pounds or less.
- Cargo should be securely fastened.

## Troubleshooting

Problems	Possible reasons	Solution
Indicator light no display when turning on	<ul style="list-style-type: none"> <li>1) fuse blowout</li> <li>2) power switch fault</li> <li>3) battery cables broken</li> <li>4) controller failure</li> </ul>	<ul style="list-style-type: none"> <li>1) Replace fuse</li> <li>2) deliver and check it to service center</li> </ul>
Turn on the power, the motor does not turn	<ul style="list-style-type: none"> <li>1) controller or motor failure</li> <li>2) Throttle fault</li> <li>3) Brake lever hasn't reset or broken</li> </ul>	<ul style="list-style-type: none"> <li>1) deliver and check it to service center</li> </ul>
Insufficient range for one charge	<ul style="list-style-type: none"> <li>1) battery is not fully charged</li> <li>2) tire pressure is insufficient</li> <li>3) battery fault</li> <li>4) brake locking</li> </ul>	<ul style="list-style-type: none"> <li>1) fully charging</li> <li>2) tire to be aerated</li> <li>3) adjust the brake state</li> <li>4) deliver and check it to service center</li> </ul>
Battery cannot be charged	<ul style="list-style-type: none"> <li>1) loose connection between battery and charger</li> <li>2) battery cables failed</li> <li>3) charger fault</li> <li>4) check the external power and its voltage</li> </ul>	<ul style="list-style-type: none"> <li>2) deliver and check it to service center</li> <li>2) reconnect the external power source or check the external voltage</li> </ul>

