

# **USER MANUAL**

E- BALANCE (Electric Balance Bikes) V1.0

# **Table of Contents**

1.	Preface	6
	1.1 Welcome	6
	1.2 Use of the Manual	. 6
	1.3 Symbols used in the Manual	. 6
	1.4 Service and Technical Support	6
2.	Safety	. 7
	2.1 Safe Use of the Bicycle	. 7
	2.2 Battery and Charger Safety	8
	2.3 Accessories and Attachments	9
3.	Description	. 9
	3.1 Introduction of Vehicle Components	9
	3.2 Batteries and Chargers1	. 0
	3.3 Motors	0
	3.4 Control System	. 0
4.	Transport and Storage	1
	4.1 Transportation	. 1
	4.2 Storage	1
5.	Bike usage	. 1
	5.1 Installation Guide	. 1
	5.1.1 Charger Usage	. 2
	5.1.2 Seat Post Installation	3
	5.1.3 Front Wheel Installation	3
	5.1.4 Fork Adjusting	
	5.1.5 Battery Installation & Removal	
	5.2 Riding Mileage	4
	5.3 Battery Information1	. 5
	5.4 Charging	5
	5.4.1 Charger Usage	
	5.4.2 Battery Removal and Installation	. 5
	5.4.3 Charging the Battery that has been Removed	
	5.4.4 Charging inside the Bike	5
	5.4.5 Charging Time Table	5
	5.5 Control	. 6
6.	MAINTENANCE	6
	6.1 Cleaning	. 6
	6.2 Drivetrain	. 7
7.	LEGAL DOCUMENTS	7
	7.1 Warranty	. 7
	7.2 Exclusions1	. 8
	7.3 Conformity	. 9
	7.4 Disclaimer	. 9

# Please read and understand the entire manual carefully before operating Note: Manual illustrations are for demonstration purposes only. Illustrations may not reflect the exact appearance of the actual product. Specifications are subject to change without notice. Please keep these operating instructions in a safe place for future reference and rereading. Caution: Before allowing children to use this product, please read and understand the entire manual carefully.

#### USAGE INSTRUCTIONS AND PRECAUTIONS:

1. This product requires self-assembly of the front part. Before assembly, please carefully read the instruction manual and ensure that the quantity of parts is correct. Once assembled, returns will not be accepted.

2. If there is any difficulty during assembly, do not force or pull forcefully. If you have any questions during the process, please contact customer service for assistance.

3. Assembly of this product should be done by adults. It can only be used by children after assembly and testing.

4. When using this product, please wear protective gear and a safety helmet to ensure safe riding. Do not allow young children to ride on dangerous streets without supervision.

5. This product is not suitable for children under six years old and should be used under adult supervision to avoid accidents.

6. Do not ride on slippery surfaces to prevent insufficient tire traction, which could lead to danger.

7. The maximum weight capacity of this product is 25kg; exceeding this limit may affect its stability. Before use, check that all components are securely assembled, and periodically inspect all parts for any looseness. If any parts are loose, tighten them immediately.

8. For maintenance, simply wipe the product with a damp or dry cloth.

#### WARNING:

1. A protective helmet must be worn while riding.

2. Riding this bicycle on public roads is not allowed.

3. Parents or guardians must ensure that children follow the instructions for the safe use of this toy bicycle, especially regarding the braking system.

4. Protective gear should be worn, and use on public roads is prohibited.

Warning: Improper operation of the bicycle could lead to loss of control, resulting in death or serious injury. Riding a bicycle indeed carries potential risks and requires caution. Just like any riding product, bicycles come with inherent hazards, such as falling or riding in dangerous situations.

Adults responsible for supervising children must recognize that even when using safety equipment and other precautions, riders can be seriously injured or die if such hazards occur. Ride at your

own risk and use common sense.

 This model includes small parts, which is not suitable for children under 3 years of age or weighing over 75 pounds (34 kilograms). Children under 8 years of age should not use the charger.
To prevent the risk of choking for children, please immediately discard the plastic bag or keep it away from children after unpacking.

7. Please be aware that only take on/take off on the bike from the left side of the bike.

Warning: Parental and adult responsibility and supervision required. To reduce the risk of injury, adult supervision is required.

#### Warning: Children under 8 years of age should not be permitted to use the charger.

This manual contains important safety information. Read the owner's manual before use. It is your responsibility to review this information and ensure that all riders understand all warnings, cautions, instructions, and safety topics, and to ensure that young riders can use these products safely and responsibly.

It is recommended that you periodically review and reinforce the information in this manual with younger riders and that you inspect and maintain your children's product to ensure their safety. If you delegate this task to another adult, it is your responsibility to pass this owner's manual and all relevant information to whomever will take on this role and ensure the rider is superviseds, controlled, and taught in a safe manner.

Children should not ride any bicycle if they cannot sit on the seat and touch both feet

# 1. Preface

#### 1.1 Welcome

EISO Enterprise Co., Ltd. has long been focusing on research and development, manufacturing and sales of its own brand DOSUN series products. Leading the market through innovative research and development applications, not only highly praised by consumers, but also repeatedly recognized by international awards. With the spirit of continuous innovation and profound research and development background, DOSUN has entered into the electric auxiliary bicycle industry and developed a new product line with the purpose of LOHAS. We hope that through this product, LOHAS will no longer be a slogan, and everyone can easily get healthy!

## 1.2 Use of the Manual

Thank you for choosing the DOSUN, as the authorized brand of EISO Enterprise Co., Ltd., this manual will introduce you the correct knowledge and maintenance method of BULLDOGGY in detail, please read it carefully, so that you can enjoy the fun of riding in a safe condition. If you have any questions about BULLDOGGY, please contact our company or DOSUN authorized store immediately.

Sincerely thank you for purchasing

Be sure to read this manual before use.

This manual is also the product warranty card.

Please fill in the blanks such as "Purchase Date", "Dealer Name", read carefully and keep it properly.

#### 1.3 Symbols used in the Manual



DANGER: Death, serious personal injury and severe property damage will result if the safety instructions are not followed.



WARNING: Fail to follow the safety instructions can result in death, serious personal injury and serious property damage.



NOTE: that property damage may occur if the safety instructions are not followed.

## 1.4 Service and Technical Support

Consultation telephone +886 03-359-6066 #191

DOSUN Customer Service Center Service Hours: Monday~ Friday 9:00am~6:00pm (closed on holidays)

Online consultation

Please use "DOSUN e-Bike " as the keyword search online, or visit our website https://shop.dosun.us/

%Before contacting, please confirm the model of the product you are using (recorded in the warranty).

We sincerely welcome suggestions for improving products and services, and thank you again for choosing DOSUN.

EISO ENTERPRISE CO., LTD.

EISO ENTERPRISE CO., LTD.



# 2. Safety

## 2.1 Safe Use of Bicycles



Speed limit To consumers,

In order to comply with the relevant domestic electrically power assisted cycles specifications, all electrically power assisted cycles models of EISO ENTERPRISE CO., LTD. (DOSUN) have a speed limit design. It is strictly forbidden to modify, replace, disassemble or even destroy the related electronic accessories of our products. And other behaviors, if the above situation occurs, our company will not provide product warranty and follow-up after-sales service. The user shall be solely responsible for any damage to personnel and property caused by unauthorized changes to the product specification and design.



#### Before riding

The following items must be confirmed before each ride to ensure the safety of each ride. If any item does not meet the standard, please go to

EISO ENTERPRISE CO., LTD. (DOSUN) authorizes stores to repair/adjust.

1) Wheelset inspection

Please confirm whether the quick release of the front and rear wheels are locked, and at the same time confirm whether the tire pressure is normal. Depending on the weight and tire, please follow the Reference tire pressure on the tire. Please confirm whether the tire has cracks and whether the tread pattern is clear. If there is damage, be sure to replace the tire.

Tire pressure recommendation:

model	Recommended tire pressure (MIN-MAX)
BULLDOGGY	40PSI–60PSI 2.8bar–4.1bar

2) Brake inspection

Please confirm whether the front and rear brakes are normally, and whether the brake sensitivity conforms to your usage habits. You can follow your operating habits.

Make moderate fine-tuning, but be sure to make sure the braking force is on.

3) The operation of brake

When all models are produced, the braking operation is that the left brake lever corresponds to the front wheel brake, and the right brake lever corresponds to the rear

#### 2.2 Battery and Charger Safety

#### **Battery Information**

General system description:

This document is the relevant information for the design and manufacture of rechargeable lithium battery packs. The power management system of this battery pack is a power management system with two or more safety protection (ISO13849 certification)

System Features:

- (1) The electrical specification of this battery pack is 18V \*4Ah.
- (2) The continuous maximum current output of this battery pack is less than 20A.
- (3) This battery pack includes over-voltage protection, under-voltage protection, over-temperature charging protection, overtemperature discharging protection, over-current charging protection, current discharging protection and short-circuit protection.

(4) Automatic shutdown and power off, the lowest self-power consumption, and automatic wake-up.



(5)

Warnings and Precautions

Precautions for proper handling

© Ensure that the battery pack is far away from heat sources, and should prevent sudden impact on the battery pack, and pay attention to prevent short circuit of terminals.

◎ The long-term storage of the battery pack should maintain 30%~50% of the power, and charge it every 6 months to avoid

over-discharge and detract from the battery pack life.

 $\odot\,$  The battery pack should be kept away from young children.

⊙The battery pack should be kept dry and clean. If the terminals of the battery pack are dirty, use a dry and clean towel to clean the terminals.

 $\odot$ Please do not leave the battery pack unused for a long time in an uncharged state.

◎ Please keep the product information for future use.

◎The battery pack can only be used in the product application of the specific design.

◎ If the product is not used for normal time, please remove the battery pack from the frame.

# WARNINGS

⊙The battery pack cannot be opened, disassembled, or damaged; The battery pack contains safety protection equipment, once the battery pack is damaged, it may cause heat, rupture, or burn.

◎ The battery pack should not be exposed to or directly contact with heat sources and flames. Do not expose the battery pack

to direct sunlight, and do not use or store the battery pack in a car in hot weather.

◎Do not pierce or puncture the battery pack with elongated objects, and do not try to squeeze the battery pack.

ODo not immerse the battery pack in water or corrosive liquid.



#### Charger Precautions

- (1) There is high voltage inside, in order to prevent the danger of electric shock, please do not open the charger for maintenance;
- (2) The charger is limited to indoor use;
- (3) Do not charge non-rechargeable batteries;
- (4) If you have any questions, please contact your dealer or repair station.
- (5) Peripheral equipment must have a V-1 grade or higher fireproof enclosure.



#### Notes on scrapping

(1) If you want to discard this machine, please follow the regulations of each local government regarding disposal.

(2) Depending on the local government, recycling services for discarding this machine may not be available. In this case, please contact DOSUN Customer Service Center.

#### 2.3 Accessories and Attachments

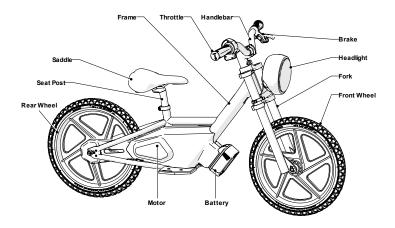


NOTE: Please be aware that the use of (third party) bike trailers or trailer bikes will cause additional load stress and accelerated wear on the electronic and/or mechanical parts of the e-bike. Never modify any original parts of the e-bike to fit a (third party) trailer. Never exceed the allowable total electric bike load weight stated in this manual.

NOTE: Please be aware that the use of child seats will not cause additional load stress and accelerated wear of the electronic and/or mechanical parts of the e-bike. Never modify any original parts of the electric bike to fit a child seat. Never exceed the stand load capacity and/or the allowable total e-bike load weight stated in this manual.

# 3. Description

## 3.1 Introduction of Vehicle Components



(The picture above is reference only, please refer to the actual product for specific specifications!)

## 3.2 Batteries and Chargers

	ECOPRO MB410		
NO	ITEMS	Specification	
1	Capacity	4000mAh	
2	Operating Voltage	18V	
3	Charging Voltage	4.2V	
4	Battery Min. Voltage	13.5V	
5	Max. Discharge Current	20A	
6	Max. Charge Current	4A	
7	Operating Temperature (cell surface temperature)	Charge: 0 to $45^{\circ}$ C Discharge: 0 to $60^{\circ}$ C	
8	Storage Temperature	1 month: -20 ~ 45℃ 6 month: -10 ~ 35℃	
9	Cell Weight	650g ( 2P )	
10	Cell Dimension	115*65*78mm	

#### **Battery Specifications**

	ECOPRO MB410		
NO ITEMS		Specification	
1	Trickle Charge Current	300mA±100mA	
2	C.C Current	3.5A±300mA	
3	Charging Low Temperature Protection	-20°℃±3°℃ < T < 50°℃±3°℃	
4	C.V Voltage	20.5V±150mV	
5	Indicator of PACK over Heat	Red light flashing, green light off	
6	Indicator of PACK over Charging	Red and green lights steady on	
7	Indicator of PACK Fault	Red and green lights flashing alternatively	
8	Indicator of Charge Finished	Red light steady on, green light flashing.	
9	Indicator of Standby	Red light steady on, green light off	
10	Charge Time out Protection	90mins	
11	Recover Temperature	-15℃±3℃ <t<45℃±3℃< td=""></t<45℃±3℃<>	
12	PACK ID Number Distinguish	4АН ЗЗКОНМ	
13	Standby Power	<2W	
14	C.C Charge Power	75W±5W	
15	Charge Cut off Current	≤0.5A±200mA	
16	Input Voltage	AC/100V-240V/60Hz	
17	The Range of Voltage of Trickle Charge	<20.5V	
18	The Range of Voltage of C.C	13V-20.5V	

#### 3.3 Motors

This motor technology uses an array of sensors and intelligent processing to provide pedaling assistance that responds fully in sync with human input. The result is a very natural and predictable power delivery pattern that maintains assistance in harmony with the rider. There are many variations of this motor, and all motor parameters are custom-adjusted by DOSUN to suit the intended use of the bicycle.

## 3.4 Control System

The control system offers an ergonomic configuration with easy-to-operate controls. Actionable feedback comes from a bright LCD indicator screen



# 4. Transport and Storage

#### 4.1 Transportation



NOTE: Do not leave the battery on the bike when transporting the bike by car. The battery must be removed from the bike for transport and placed in the car.

#### 4.2 Storage

**Electrically Power Assisted Cycles** 

Store your bike in a place protected from snow, rain and sun. Snow and rain can cause your bike to corrode. The sun's UV rays can discolor the paint on your bike or crack any rubber or plastic parts.

Battery

If the bicycle will not be used for an extended period of time (one month or more), the battery should be stored in the

following optimal conditions:

Store of separately from bicycle.

The temperature is between 0 and 40 degrees.

NOTE: Check the battery once a month to see if at least one LED is still blinking. Charge the battery if necessary.



NOTE: Charge the battery every 3 months. Ignoring this will void the battery warranty.

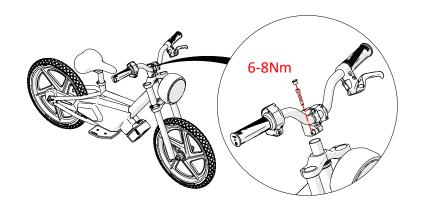
## 5. Bike usage

#### 5.1 Installation Guide

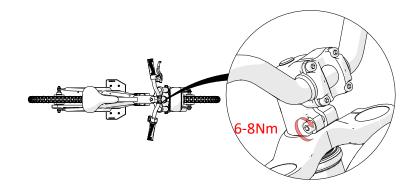
Note: Depending on the purchase situation, you may need to install/adjust the following parts yourself. If you have any doubts about the following installation/adjustment methods, please go to the authorized store of EISO ENTERPRISE CO., LTD. (DOSUN) to accept the correct installation/adjustment. Improper installation or adjustment may result in hazardous riding and injury, and in the most serious cases, even death.

#### 5.1.1 Handlebar Installation

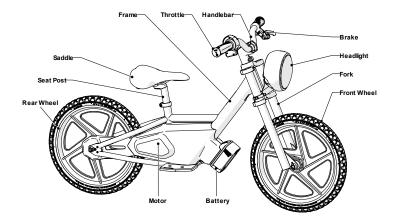
a. First remove the front cover of the stem, and after turning the handlebar to the correct direction, install the handlebar on the stem and tighten the top cover screw with a locking force of 6-8N.m.



b. Align the stem with the front wheel and tighten the top cover screw with a locking force of 6-8N.m. After correct locking, please tighten the screws on two sides of the stem. Please refer to the value on the stem for the tightening force of the screws. Do not over-tighten the screws.

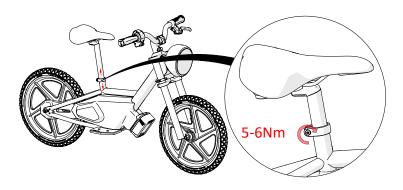


c. After adjusting the handlebar to the appropriate angle, tighten the stem screws with a locking force of 5-6N.m



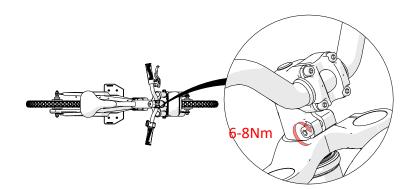
## 5.1.2 Seat Post Installation

Please disassemble the seat post and seat cushion from the package, and put them into the seat tube of the frame. Then tighten the seat post with a locking force of 6-8 N.m. Please adjust the height of the seat post according to your personal shape, but it should not exceed the safety line of the seat post. After confirming the height, tighten the seat clamp.



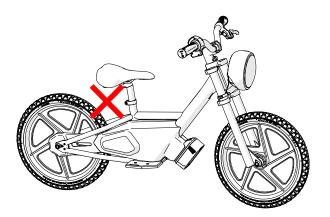
## 5.1.3 Front Wheel Installation

Insert the front wheel into the fork dropouts and slide it onto the hub hook, then tighten the flange nut clockwise.



## 5.1.4 Fork Adjusting

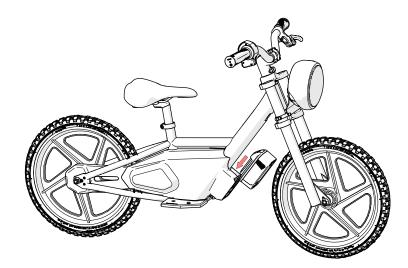
The fork for this bike can not be adjusted



## 5.1.5 Battery Installation & Removal

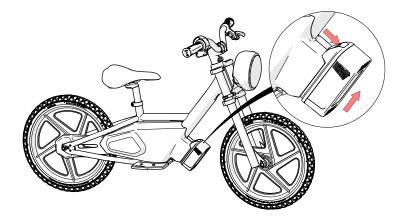
#### a. Battery Installation

Put the battery into the battery compartment located at the bottom of the bike.



b. Battery Removal

Press the latch on the battery, then remove the battery.



## 5.2 Riding Miles

The riding range on a single charge is highly dependent on several factors, such as (but not limited to):

- 1) Weather conditions such as ambient temperature and wind;
- 2) Road conditions such as elevation and road surface;
- 3) Bike conditions such as tire pressure and maintenance level;
- 4) Use of the bicycle, such as acceleration and shifting;
- 5) The weight of the rider and luggage items;
- 6) Charge count and discharge cycle;
- 7) The age and condition of the battery.

# 5.3 Battery Information

General System Descriptions

This document is the relevant information for the design and manufacture of rechargeable lithium battery packs. The power

management system of this battery pack is a power management system with two or more safety protection (ISO13849

certification)

#### 5.4 Charging



NOTE: Charge the battery at room temperature (±  $20^{\circ}C / 68^{\circ}F$ ).



Note: Charging below 0°C or above 40°C ( 32°F~104°F ) may result in insufficient charging and may negatively affect the battery life cycle.

#### 5.4.1 Charger usage

1). When using, plug in the plug of the battery box first, and then plug in the AC power plug;

2). During normal charging, the power charging indicator light shows red, and when fully charged, the charging light shows

green;

3). After the battery is fully charged (the charging indicator is green), if you want to stop charging, you should first unplug the

AC power plug, and then unplug the battery box.

## 5.4.2 Battery Removal and Installation



NOTE: Always turn off the power before removing the battery.

## 5.4.3 Charging the Removed Battery



NOTE: Always turn off the power before removing the battery.



NOTE: Before connecting, it is important to take care to align all connectors properly.

## 5.4.4 Charging inside the Bike



NOTE: Before connecting, it is important to take care to align all connectors properly.

## 5.5 Control

	Usage scenario		
Functionality	Action	Diagram	Detail
Power On	Press the power button for 2 seconds		Upon the system starts, the light power activates, the handlebar's battery indicator lights up, the system's speed level remains the same as the last shutdown, and the buzzer will emit a sound to indicate the current level.
Power Off	Press the power button for 2 seconds	As above	The system shuts down, cutting off the power of the light source, the handlebar's battery indicator turns off, and the buzzer will emit a long sound
Headlight switch	Turning on the head light switch, there are three modes: 0, 1, and 2.		In the system starts, the daytime running lamp remains constantly illuminated. Level 0: Daytime running light on. Level 1: Daytime running light on, low beam on. Level 2: Daytime running light on, high beam on."
Handle switch	Twist the handle		Twist the handle to activate the motor output for the selected mode setting. Twisting the handle to the maximum extent will achieve the highest output for that selected mode.
Disconnected brake handle	Press the brake lever		When pressing the brake lever, the motor will stop outputing immediately regardless of whether the throttle engaged or not.
Battery indicator	Indicating while the screen is powered on		There are a total of 5 battery indicators, displaying the battery levels as follows:   5: 80% to     100%   4: 60% to 79%     3: 40% to 59%   2:     20% to 39%   1:     1% to 19%
Different riding mode	1.Press the disconnected brake handle 2.Press the power button 3 times quickly		There are three different riding modes. The adjustment sequence for different modes is as follows: $1 \rightarrow 2 \rightarrow 3 \rightarrow 1 \rightarrow 2$ $\rightarrow 3 \rightarrow 1$ . When switching to each modes, the buzzer will generate with the corresponding sound. Mode 1: Buzzer emits one long sound, corresponding to a speed of 8 km/h. Mode 2: Buzzer emits two long sounds, corresponding to a speed of 12 km/h. Mode 3: Buzzer emits three long sounds, corresponding to a speed of 16 km/h."

# 6. Maintenance

## 6.1 Cleaning

DOSUN electrically power assisted cycles use plastic casings to cover electrical parts. Do not use too much water to wash plastic. Use a soft cloth and a neutral solution to wipe dirt off the plastic case. Then dry with a clean soft cloth.

NOTE: Do not use high pressure water or air hoses when cleaning. It forces water into the electronic components, potentially causing them to malfunction.

Note: Do not use excess water to wash e-bike parts. Water entering the internal electrical parts may corrode the insulating materials, resulting in power failure or other problems.

Note: Do not use non-neutral soap solutions to clean plastic parts. Non-neutral solutions may cause color changes, deformation, scratches, etc.

## 6.2 Drivetrain

On models without an automatic chain-tensioner, the chain tension must be checked and adjusted manually.

How to check chain tension:

To check chain tension, hold the center of the chain between the front and rear sprockets.

Move the chain up and down to check the slack on the chain;

Vertical movement should be a distance between 10-15 mm;

If the movement is more or less, the chain tension to be adjusted.

NOTE: This adjustment should only be done by a trained technician using the appropriate tools.

Note: Please contact your local DOSUN dealer for details on technical maintenance and related support for electrically power assisted cycles.

# 7. Legal documents

#### 7.1 Warranty

#### Statement:

The warranty terms are limited to the purchase of authorized passages from EISO ENTERPRISE CO., LTD. (DOSUN), and are limited to first-hand purchasers, and are assembled and adjusted by store technicians. In order to protect your rights and interests, please be sure to ask for the user manual and purchase certificate when purchasing a bicycle. The color, specifications and equipment of the bicycle model are mainly based on the actual product. The original factory reserves the right to change the painting specifications.

Warranty content and regulations:

During the warranty period, according to the provisions of the user manual, the damage that occurs under normal use will be judged as abnormal quality by the original factory inspection, and the authorized store will provide perfect after-sales service. Damage caused by improper use. Relevant parts and maintenance costs will be charged.

During the warranty period, if there is any abnormal condition of the product, according to the contents recorded in this manual, you can apply for warranty maintenance; the warranty scope will mainly be parts repair or replacement, and the replaced parts are owned by EISO ENTERPRISE CO., LTD. (DOSUN).

Warranty period

A. Frame: 2 years				
◎Replacement principle similar product.	e: Replace it with the same frai	me. If the product has been disc	continued, it will be replaced with a	
B. Front fork: 2 years	C. Battery: 1 year	D. Motor: 1 year	E. Dashboard: 1 year	
F. Other non-consumable	parts: 1 year, such as: non-su	spension front fork, saddle, se	eat post, shifting handle, front	
derailleur, rear derailleur,	Spindle, front hub, rear hub,	handlebar, stem, folding mecl	hanism, front caliper, rear caliper,	
brake lever, front mudguard, rear mudguard, Carrier, pedals, bearings, connecting rods and connecting rod connecting				
screws. (Based on the warranty period provided by the parts factory)				

Regarding customer personal data protection policy:

- 1) For the purpose of responding to customers, maintenance and related information, etc., the personal data of customers will be used, and records of the contents of customer inquiries will be kept for this purpose.
- 2) Except in the following cases, the company will not provide personal data to third parties.
  - $\rightarrow$  When requesting repairs or confirming business.
  - $\rightarrow$  When required by law.
- 3) For inquiries about personal data, please contact DOSUN Customer Service Center.

This manual is also the product warranty card.

Please be sure to carefully review the warranty terms and the declaration of speed limits. After purchase, please scan the warranty QR code below and complete the warranty registration to indicate your agreement with the warranty terms and speed limit declaration, ensuring your own warranty rights.



#### 7.2 Exclusions

Warranty Exclusions Failures and damages caused by the reasons listed below are not covered by the warranty (users should bear the cost).

1). The pedals, front and rear hubs, steering system, shock absorbers, freewheels and other rotatable parts produce sounds and vibrations that will not affect general functions.

2). Consumable parts: handle belts (sleeves), inner and outer tires, brake blocks (rear pads), discs, inner and outer brake cables, inner and outer cables for shifting, chainwheels, cranks, chains, freewheels, rims, hubs, Parts such as spoke will gradually wear out with use.

3). The painted surface of the frame and parts may be corroded or peeled off due to external environmental factors such as sweat, collision, and friction.

4). Failure to do proper maintenance in accordance with the instruction manual.

5). The storage place is not good, or after long-term use, the coating and baking paint are peeled off, and the metal surface or plastic parts are naturally faded.

6). When used for performing actions such as stunts or jumping, which will cause damage to parts or failure of functions.

7). Business rental or unauthorized use. (Repeatedly rented for frequent use by an unspecified majority of people; improper use, not the original purpose and method of use set by the product)

8). Damage caused by the use of the vehicle not according to the characteristics of the vehicle. (Different types of vehicles have their own suitable terrain environment, if they are used in places that should not be ridden, such as mountain roads, stairs, etc., the fault will be damaged.)

9). Arbitrarily disassemble, modify parts or use non-original parts.

10). Product damage caused by external force (traffic accident, vehicle collision, impact damage, transportation damage, misuse, overturning, falling into ditch or other accidental collision, etc...)

11). Causes of natural disasters or human force majeure.

12). Failures caused by violations of relevant laws and regulations, such as overloading, double-loading, installation of foot

levers, etc.

13). Consumable wear and tear of parts, fatigue and deformation of parts or cracks after use.

14). Tire puncture and air leakage caused by sharp objects such as nails, glass, and gravel.

15). Bending, deformation and fracture caused by road obstacles or potholes such as rims and frame parts.

16). Small parts such as small screws and nuts fallen off.

17). Cutting injuries caused by inverting the saddle or man-made damage.

18). The chain after use is loose and fallen off or the transmission does not work properly.

19). The chain cover, fender, rear carrier, child seat, etc. are scratched, deformed or broken due to falling or collision.

20). The stem, handlebar and seat post are not used in accordance with the safety instructions, which will cause damage to the frame such as deformation and breakage.

#### 7.3 Conformity

This electrically power assisted cycles complies with the following regulatory standards:

EN 16029 (Safety requirements for bicycles for young children)

EN 15194 clause 4.2.15 EMC (Electrical Testing) ISO 12100 RoHS ASTM F963 (Physical & mechanical test) Clause 4.15 (Stability and over-load requirement) Clause 4.2 (Flammability test) Clause 4.3.5 (Heavy metal test) (Lead) (Soluble heavy metal) (CPSIA Section 1 08/ CA PROP 65) (Phthalate) **CPSIA Section 103 Tracking label** FCC 15B -EMC Conducted emission + radiated emission ASTM F2641 + ASTM F2642(Mechanical requirement) Standard Consumer Safety **Specification For Recreational Powered Scooters And Pocket Bikes** 

Instructions and Labeling

#### 7.4 Disclaimer

In order to comply with the relevant domestic electrically power assisted cycles specifications, all electrically power assisted cycles models of EISO ENTERPRISE CO., LTD. (DOSUN) have a speed limit design. It is strictly forbidden to modify, replace, disassemble or even destroy the related electronic accessories of our products. And other behaviors, if the above situation occurs, our company will not provide product warranty and follow-up after-sales service. The user shall be solely responsible for any damage to personnel and property caused by unauthorized changes to the product specification and design.