

# C6

## KORNORGE ELECTRIC BIKE USER MANUAL

(Please read the instruction manual carefully and understand the performance of the electric bicycle before using. Please keep the instruction manual properly)



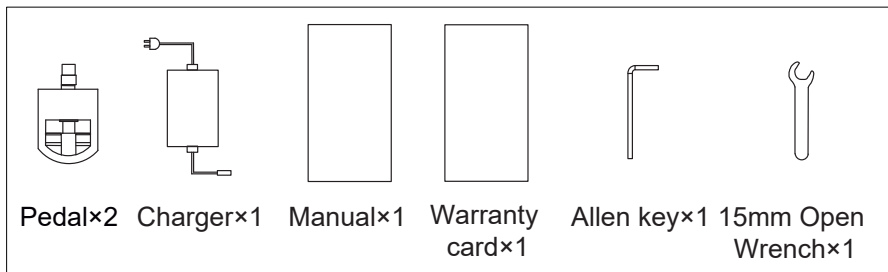
MADE BY KORNOERGE

# PRODUCT FUNCTION DIAGRAM



Note: Some details of your bike may be little different from the above picture due to our product upgrading, which will not affect the usage.

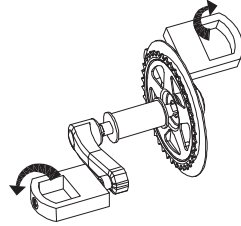
## LIST OF ACCESSORIES



Quick start  
Unfolded folding



Install Pedals:



Right Pedal: Rotating clockwise  
Left Pedal: Rotating Anticlockwise

## FUNCTION

1. Charging: Connect the charger to the power plug and then to the KORNORGE E-bike. When the charger indicator turns green from red, it shows full power.
2. Turn on the KORNORGE E-bike: Push forward the boot button to turn on the E-bike, the dash board lights up; Push back the boot button to turn off the E-bike.
3. Switching on and off: Press the switch button, the display shows power on when there is power, press the switch button, the display shows off when there is no power.
4. Horn: Pressing the horn button, the horn sounds up. Clicking recommended. When pressing for over 10 seconds the horn stops, you need to repress it.

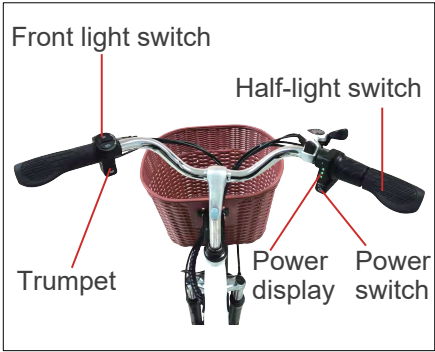
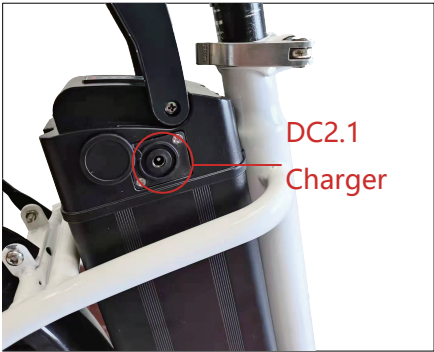
5. Front light: Push the front light button forward to turn on the front light, push it backward to turn off the front light.

6.Brake: When the brake handle is not fully rebounded during use, it is in a power-off state and cannot be powered up.

7.Electric & Assistant mode:The default setting is ECO economy gear when the machine is turned on, and it can directly accelerate when riding, and it can also use power-assisted sensors to ride.

8. Zero speed booting and none zero speed booting. Zero speed booting: when the E-bike on standby mode, you can accelerate with speeding bar; None zero speed booting: the bike boots when it runs only.

9.Hold the brake gently when going downhill,can recoverthe part of the power and charge for your E-bike.



# INTRODUCTION TO METER

## Battery Define:

**PUSH LOCK:** Can remove battery in lock tongue retracted state

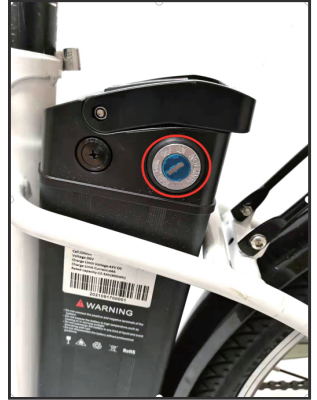
remove battery case after remove the key;

**OFF:** Remove the key when lock tongue extended, non power-on;

battery case locked, immovable;

**ON:** Remove the key when lock tongue extended, in power-on state;


battery case locked, immovable;




## Power display:



## INTRODUCTION TO THE ICONS ON METER INTERFACE





Definition of Display Icon	Display Icon	Display
Front Light		Push the front light button forward to turn on the front light, push it backward to turn off the front light.



Current Power		It displays power range.
---------------	---	--------------------------

## FUNCTION OF BUTTON

Power button		Click to turn on/display battery, then click to turn off
--------------	---	--

## ELECTRIC INSTRUCTION

Power Percentage	100%	55%~75%	25%~50%	< 25%
Display				

When the battery power less than 1% “”, the power meter will monitor if the power level is less than low-voltage protection standard. After the power meter has detected that power level is lower than low-voltage protection standard, the icon “” will keep flashing, which warns a battery low-voltage.

## Gears

Some of KORNORGE E-Bike go with gears, which consists of:



- A rear sprocket cluster, called a freewheel or cog set
- A rear derailleur
- One swifter
- One control cable
- One front sprocket called a chaining
- A drive chain

There are many different types of swifter mechanisms, each preferred for specific Applications because of its ergonomic, performance and price characteristics.

A downshift is a shift to a lower or lower gear, one which is easier to pedal. An upshift is a shift to a higher or faster gear, one which is harder to pedal. For example, you can downshift to a lower gear to make pedaling easier on a hill.

On the other hand, you may upshift to a higher gear when you wish to go faster.

Whether up-shifting or downshifting, the derailleur system requires that the drive

Chain be moving forward and be under at least some tension. A derailleur will

Shift only if you are pedaling forward.

Caution: \_\_\_\_\_

Never move the swifter while pedaling backward. Also do not pedal backwards after moving the swifter. Either of these actions could jam chain and cause serious damage to the E-Bikes.

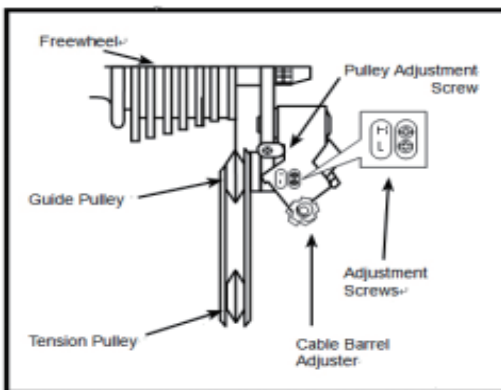
## Derailleur System

The derailleur system includes the front and rear derailleur, the shift levers, and the derailleur control cables, all of which must function properly for smooth gear shifting to occur.

### Derailleur

Although the front and rear derailleur are initially adjusted in our factory, you will need to inspect and read just both before riding bicycle.

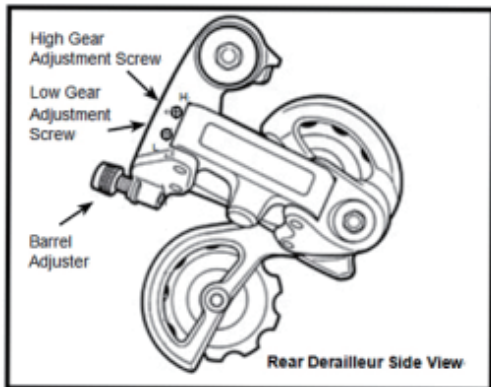
### Rear Derailleur





Begin by shifting the rear swifter to largest number indicated, loosen the cable rom the rear derailleur cable anchor bolt, and place the chain on the smallest sprocket.

Adjust the high limit screw so that the guide pulley and the smallest sprocket are lined up vertically. Re-tighten the cable, pull out any slack, and re-tighten the anchor bolt securely. Shifting through the gears, making sure that each gear is achieved quietly and without hesitation. If necessary, use the barrel adjuster to fine tune the cable tension by turning it the direction you want the chain to go. For example, turning clockwise will loose the cable tension and move the chain away from the wheel, while turning counter-clockwise will tighten cable tension and direct the chain to the wheel.



# PARAMETERS

Size	Model	C6
	Material	Steel
	Spread size	1820*610*1150mm
	Center distance	1170mm
	Hub size	26inch
	Package size	1490*250*760mm
	Color	White
Performance	Weight	27kg
	Max load	120kg
	Riding speed	20km/h
	Max speed	25km/h
	Mileage(pure electric)	40±3km
	Assistant-Mileage	40-60km
	Uphill	15 degree
	Temperature	-10~45 ℃
	Waterproof	IP54
Standards	Battery	12.5Ah
	Rated power	350W
	Rated voltage	36V
	Charging voltage	DC42V
	Input voltage	AC100~240V
	BMS	Yes
	Charging time	6-8H
Features	App	No
	Personal sticker	No
	Lights	Yes
	Cruise	Yes
	Brake mode	Front and rear disc brake

Remark: Many factors will affect the max speed,- such as power,load,tyre pressure,road conditions,chain,lubrication degree etc.Mileage has been measured on basis of temperature 25°C , load of 60KG , speed of 15-20KM/H, smooth and hard road , and from full battery to dead battery.it also os subjected tootherfactors , such as driving habits , temperature , load , tyre presure , road conditions ets.”

## CAUTION

Charge between 0 degree- 45 degree, rife between -20 degree to 60 degree, keep the battery dry. Don't put it in acid and alkalinity fluid. No rain, fire and heat. Don't put the battery positive an negative wrong. Don't damage disassemble the battery or use the wrong adapter. Don't charge it over 6 hours and don't charge it over 2A.

When not using for a long time, please put the battery in dry and cool place and charge it for 2 hours every 2 months. Follow the instruction or the user will be responsible for the consequence.

When charging, Please be careful of the battery type and voltage, place the battery in open air and don't put it under bright sun shine and closed space.

When charging, please place the battery first, then connect the electricity; after charging, cut the electricity then cut the battery plug. When the green light lights up, turn off the power, don't connect the battery

when not charging.

When charging, if the indicating light goes wrong or some strange smell shows up or the charger is over hot, please stop charging immediately, then check and repair or replace the charger. When using or storing the charging. In case of something wrong were dropped into the charger, especially the water or other fluids, please don't take the charger when possible. Otherwise, be careful and put it in the cool box. No disassembling the charger yourself.

Please check the brake before riding.

Please brake the rear wheel first.

Be careful of the tightness of brake, use the hexagon wrench when it's loose.

Rainy and snowy days need longer braking distance.

**Suitable age :16-45 years old.**

## **Riding**

Read the instruction first to know the product performance first.

Don't lend it to someone who is not familiar with it.

Wear a helmet when riding. Obey the traffic rules and don't ride it in the cars road. Don't riding it in the crowded road.

When go downhill or slippery road, the speed should be under 15km/h.

Inspect the Tyre before riding, Tyre pressure should be 35-45PSI.

Don't over impact the motor, keep the axle smooth.

Don't over load.(Max load is 120kg)

Please be careful of the adding distance when it under the rainy day and snow day.

Single-handed ride is prohibited.

## **Maintenance**

The E-bike front and back wheel should be at the center of the frame.

Put the E-bike up after riding at cool and dry place.

Check the Motor and Brake often, **don't inject the oil onto the brake.**

Check the E-bike and screws and places that need fixing, fix it often.

Suggested torsion: Bar screws 60-80 kgf.cm, bar stand screws 175-200kgf.cm, wheel screws 320-450kgf.cm.

Check the Tyre is pierced and leaks air, please contact professional technician for repairing and replacing.

## **Responsibility announcement**

All the product model, type and related information copy right and explain right are reserved.

This instruction is suitable for denoted models.

Any changing or replace part of the E-bike will not be informed again.

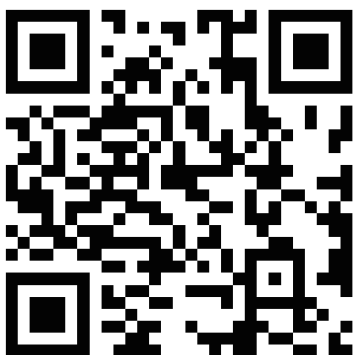
No copy, modification, propaganda or publication before getting the permission form KORNORGE .

Read the instructions and follow the instructions or the user will be responsible for the damage.

KORNORGE won't be responsible for injuries, casualties and possession damages.

For more information please visit :

[www.kornorge.com](http://www.kornorge.com) .



[kornorge.com](https://kornorge.com)



[kornorge.support](https://kornorge.support)