KETELES V3 User Manual



***FULLY CHARGE BATTERIES BEFORE FIRST USE*- Batteries should be fully charged immediately when they are received and immediately after each use for the recommended charge times (see below).**
.Li-Ion (Lithium Ion) batteries 4-6 hours (2-3 hours for Via Urbano)

We recommend that you consult a bicycle specialist if you have doubts or concerns as to your experience or ability to properly assembly, repair, or maintain your bicycle.

Additional warning/cautions are in the assembly section of this manual

With proper care and maintenance your Currie Technologies@ Hybrid Electric Bicycle will provide ease of use and be fun to ride .

Below are points that will help you to maximize the enjoyment you get from your new hybrid electric bicycle

FACTORS TO MAXIMIZE THE RANGE OF YOUR HYBRID ELECTRIC BICYCLE

. Ride R input -the more the rider pedals the further the distance traveled. Continuous riding, as opposed to frequent stopping and starting. will yield the greatest range possible

. elevation Gain -the flatter the road the further the distance traveled

. Weathe R-cold weather can adversely affect the battery capacity

. Wind - traveling with a tailwind will increase distance traveled, traveling into a headwind will decrease distance traveled

. teRRaIn -the smoother the terrain (roadways vs. fireroads, etc.) the further the distance traveled

. Ride R WeiGht -the lighter the rider, resulting in less drain on the batteries, the further distance traveled

. Bicycle Maintenance- a properly maintained bicycle will yield the greatest range possible

. tiRe pRessu Re - properly infiated tires have less rolling resistance and will be easier to pedal

. Batte Ries- properly charged and maintained batteries will yield the greatest range possible. Batteries stored in cold areas (below 50 degrees Fahrenheit/ 10 degrees Celsius) will show reduced range. Batteries that have not een kept in optimum condition will show reduced range and run time.

HELMETS SAVE LIVES!!!

- ALWAYS WEAR A PROPERLY FITTED HELMET WHEN YOU RIDE YOUR BICYCLE.
- DO NOT RIDE AT NIGHT.
- CPSC RECORDS SHOW THAT ABOUT 35% OF BICYCLE RELATED DEATHS OCCUR AFTER DARK.
- AVOID RIDING IN WET CONDITIONS.
- CPSC RECORDS SHOW THAT ABOUT 65% OF INIURIES HAPPEN TO CHILDREN UNDER 15 YEARS OF AGE.
- RIDE ONLY WITH ADULT SUPERVISI0n



CORRE CTFITT- MAKE SUREYOUR HELMETCOVERSYOURFOREHEAD.



INCORRECT FITTING. FOREHEADIS EXPOSED AND VULNERABLETO SERIOUS INJURY.

	
The Carton of the E-bike.	Open the Carton
	
Take the bike and accessories out	Remove the packing EPE pearl cotton





Turn the stem forward. Do not turn the whole fork. The fork brace should be facing forward.



Remove the 4 bolts



Fit the stem and handlebar together



Tighten the 4 bolts that hold the handlebar



Tighten the bolts on the other side

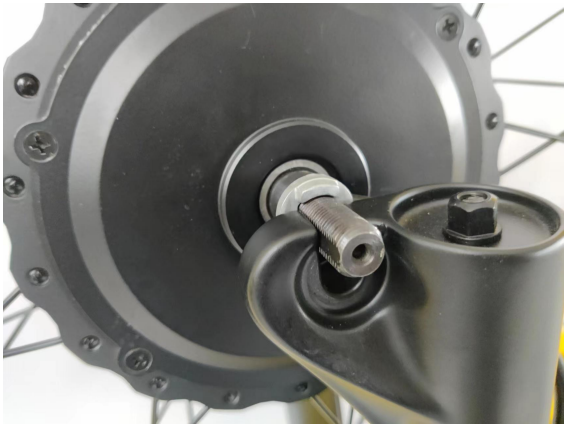


Handlebar installation completed



	
The Seat Post Clamp	Open the lever and turn the nut to loose seat post clamp
	
Insert the seat post into the seat tube.	Lock the clamp lever tightly

	
Saddle installation completed	Turn the bike upside down
	
Remove the fork spacer. (it is not a part of the bike)	Put the front wheel on the fork.





The axle of the motor goes into the grooves of the fork.



Put the washers in the right places.



Tighten the nuts on both sides





Connect the inline connectors of front motor cable





Front wheel installation completed

	
The pedal with letter L should be fixed on the left	Turn spanner counter-clockwise to fix the pedal L
	
The pedal with letter R should be fixed on the right	Turn the spanner clockwise to fix the pedal R





Fix Headlight and fender to the fork brace



Connect the headlight cable



Fix front fender to the fork

	
Fix rear fender and rear rack to the frame	Tighten the two upper bolts on both sides
	
Tighten the two lower bolts on both sides	Ready to install the battery

	
Push the battery downward and lock it	Assembly job completed
	
Turn on the battery first and then press this button for 3 seconds to turn on the display	The Red switch can turn on or turn off front motor

Question 1: What does the display error code mean? What is the reason for it?

Answer: Except for communication errors which are actively reported by the display, all other error codes on the display are reported to the display by the controller , and the display shows them.

1> The communication error is because the display cannot detect a controller data reply within 10 seconds, Possible reasons:

① The communication wire harness between the display and controller is not connected correctly or the wire harness is broken ;

② The protocol between the controller and the display does not match ;

③ The communication wire of the display is burned;

2> Possible reasons of Hall sensor failure : ① The motor Hall sensor is damaged; ② The Hall sensor wire is connected incorrectly or not properly;

3> Possible causes of throttle failure: ① The throttle is not in place; ② The throttle is not connected properly; ③ The throttle is damaged;

4> The motor phase position loss . Possible reasons: ① The motor phase position wire is not connected properly or correctly; ② The motor phase position wire is short circuited;

5> Possible reasons of brake failure: ① Brake is not in place ② Brake is damaged or not connected .

6> Possible reason of controller failure: controller is damaged or MOS failure .

7> Possible reason of abnormal current: controller is damaged or MOS failure .

YL-01 , YL-02 error code				
Error Code	Failure part		Error Code	Failure part
E001	Controller failure		E004	Throttle failure
E002	Communication failure		E005	Brake lever failure
E003	Hall sensor failure		E006	Motor phase loss
YL-05, KDS, YL-J error code				
Error Code	Failure part		Error Code	Failure part
E021	Current abnormal		E024	Hall sensor failure
E022	Throttle failure		E025	Brake failure
E023	Motor phase loss		E030	Communication failure

The power assisted mode match with the gear shift to achieve the riding experience of labor-saving and power saving.

In the setting of power assist riding, on few slopes and good road conditions, it is recommended to match with variable gears, 7-6 high-speed gears, with the best power-saving effect and speed ratio.

In case of large slope road conditions, gear 4-7 is adopted, which can easily and effortlessly climb the slope.

Riding with power assisted mode , if use speed shifting & climbing mode on flat road will waste electric power and accompany with the feeling of empty treading.

5 PAS Grades	Labour power	Motor power	Effect
PAS 0	100%	0	Cycling for exercise
PAS 1 ~ PAS 2	70%~80%	20%~30%	Slight power assist makes exercise easier
PAS 3	50%	50%	Use power assist to ride faster and farther
PAS 4 ~ PAS 5	20%~30%	70%~80%	Fast cycling, labor saving

Maintenance and use skills of electric bicycle.
The maintenance methods of electric bicycle under different use conditions mainly include the following points.

1,Influence of temperature.
Temperature has an impact on the use of lithium batteries. Generally speaking, the impact on the use of lithium batteries at room temperature is not significant, but when the temperature is higher than 40 ° C or lower than - 10 ° C, the discharge capacity of lithium batteries will change.
For example, if the temperature is below 0 ° C in winter, the effect will be affected. When the battery is fully charged, the driving mileage will be shortened, because under this condition, the battery capacity can only be released by 60% - 70%. Therefore, the driving mileage when the battery is fully charged in winter will be much less than in summer.