
XDC600
SMLRO
CHAO YANG

***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

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 INJURIES HAPPEN TO CHILDREN UNDER 15 YEARS OF AGE.
- RIDE ONLY WITH ADULT SUPERVISIOn

CORRE CTFITT- MAKE SUREYOUR HELMETCOVERSYOURFOREHEAD.

INCORRECT FITTING. FOREHEADIS EXPOSED AND VULNERABLETO SERIOUS INJURY.

Instrument introduction and operation (Screen function diagram)

Riding Mode	Electric Power Assist (5 Shifts)
	Pure Electric (5 shifts)
	Pure Human Riding
CRUISE CONTROL SYSTEM :	
Pure electric riding mode, during riding process (turn rotatable grip + long press - button for 5 seconds) to enters cruise mode (instrument display Cruise sign). Brake cancels cruise. (Cruise mode need to be used in good road conditions, with few pedestrian and vehicles on the road) Note: For the normal use of each function, please ensure that the led panel works.	

Switch on and off: Long press power button for five seconds to turn the meter on/off, quick press power
button to check solo/total mileage.
Switch Speed Grade : press the +/- button to switch the speed grade
0 grade instructions:
At 0 grade mode, at this time, the motor doesn't work when you turn throttle grip, and the human riding has no electric power.
Speed Grade 1-5 instruction :
Speed Grade 1-5, turn the throttle grip, the motor works , and PAS starts at the same time. At this time,
different assist and speed are matched according to the selected speed grade.

01. The Packaging of the e-bike

02. The QR skewer is tied on the frame

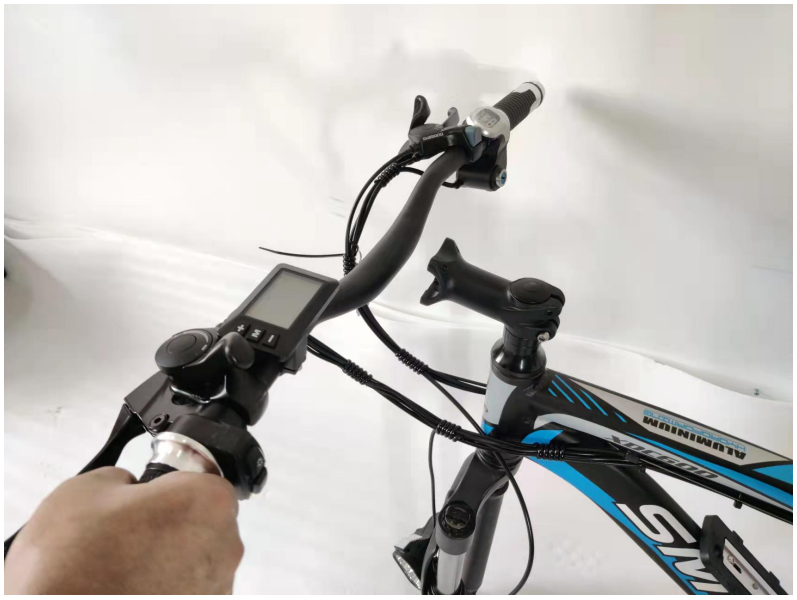
03. Only need to install front wheel, handlebar, saddle, fenders, battery and rear rack

04. The arch of the fork should be facing forward

05. Turn the stem forward (do not turn the whole fork)

06. The correct direction the stem should be facing

07. Remove the 4 bolts

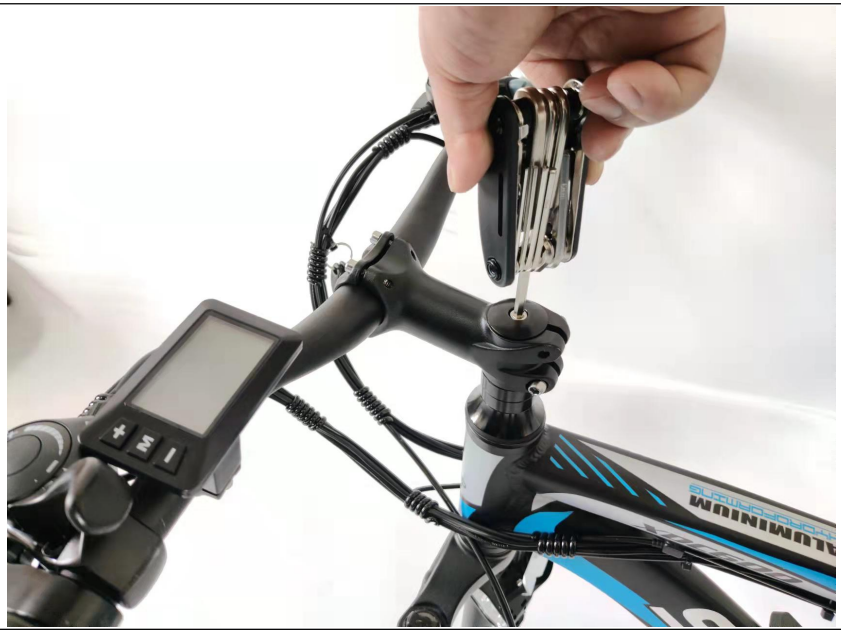


08. The correct orientation of the handlebar

09. Fit the stem and handlebar together

10. Tighten the 4 bolts to fix handlebar

11. Turn the 2 bolts on both sides to tighten the stem



12. Tighten the top bolt

	
13. Get the front wheel and QR skewer	14. Remove the fork spacer. (it protects the fork from crushing and deformation during shipping, it is not a part of the bike)
	
15. Ready to install front wheel	16. Put the front wheel between the two lower legs of the fork

17. Insert the disc rotor into the gap of front brake caliper

18. The fork dropouts hold the tips of the front hub

19. Insert the QR skewer into the axle hole of the front hub

20. Tighten the nut on the other side

21. Turn the lever of the QR clockwise to tighten it

22. Lock the QR lever tightly

23. Open the lever and turn the nut to loose the seat post clamp

	
24. Insert the seat post into the seat tube	25. Tighten the saddle
	
26. The short one is front fender, the longer one is rear fender	27. Use the long bolt to join the headlight, fork arch and fender

28. details of the bolt that join headlight and fender together

29. The headlight and fender are fixed to the fork arch

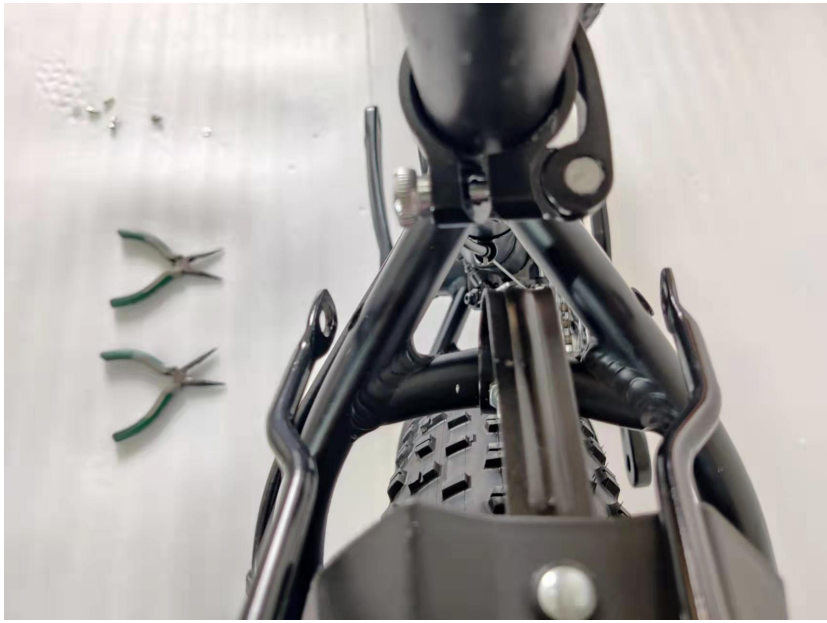
30. Ready to install rear fender

31. The correct placement method of rear fender

32. Fix rear fender to the frame with bolt and nut

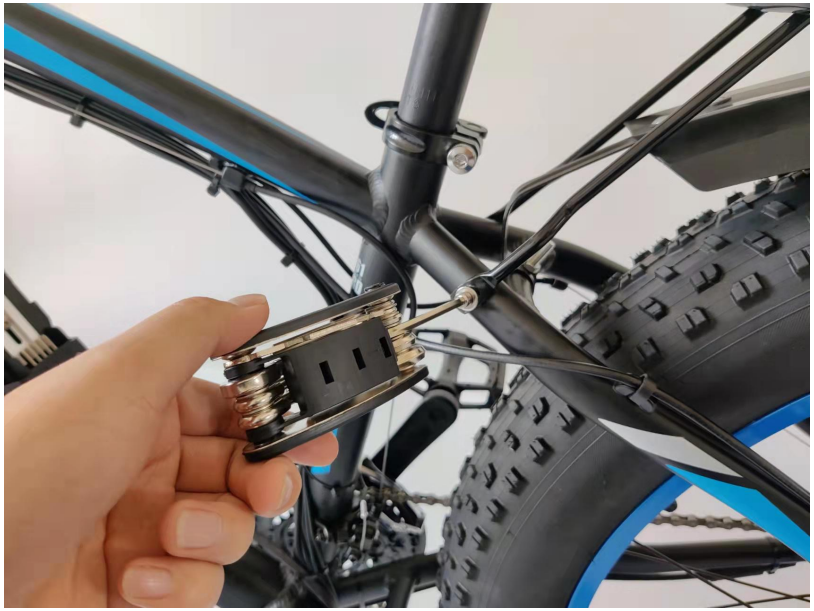
33. Ready to install the rear rack

34. The two holes on the upper part of the seat stay



35. The rear rack may need to be adjusted with sharp-nose pliers

36. Adjust the angles of the rack sticks with sharp-nose pliers



37. Tighten the 2 upper bolts on both sides

38. Tighten the 2 lower bolts on both sides

39. Turn spanner counter-clockwise to fix the pedal L on the left side

40. Turn the spanner clockwise to fix the pedal R on the right side

41. Put the battery on the battery base

42. Push the battery downward to install it tightly

43. Turn the key to lock the battery

44. Side view of the e-bike

45. Turn the key on the handlebar first and then press button M for 3 seconds on the display to turn on power.

46. Press + or - to change speed grade .

Tips: Full Electric Mode (i.e. using throttle only) is for flat roads.

Do not use Full Electric Mode on slopes or rough roads or beaches, otherwise excessive resistance will cause the motor or controller damage. If the road condition is unsuitable or too rough, please use PAS (Pedal Assist System) mode. PAS is when you use your feet to pedal in order to help the motor overcome resistance.

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.

Maintenance method.

A,When the temperature is low in winter, the battery should be placed indoors, and the charging should also be carried out indoors. After the battery is fully charged, the charging time should be extended for another two hours.

B,In summer, avoid the sun exposure of batteries. Avoid charging the battery at high temperature. Avoid charging the battery immediately after use in high temperature. Do not charge for too long. The battery needs to be charged for another one or two hour after the red indicator turns green.

2. Use on different road conditions

E-bike is not suitable for driving on the road with bad or steep conditions. If there are many uphill on the way , we will find that the mileage of charging once will be much less than that on the flat road. When starting, uphill, loading or driving against the wind, please use the motor drive combined with human pedal to ensure the working life of your battery and motor be longer.

3,Avoid exposure to the sun and rain. Although the electric bicycle has good waterproof performance, it can still ride in rainy and snowy weather, but when passing through water puddles and ponding and other roads, pay attention to the wading height, which shall not be higher than the motor, so as to prevent the motor from damage caused by water inflow. Do not use a high-pressure water gun to wash the electric bicycle, so as to avoid damage caused by water entering the electronic parts and accessories.

4,Frequent braking is bound to be accompanied by frequent start-up, which will lead to frequent large current discharge and power cut-off of the battery, which has a certain impact on its life. Countermeasures: pay attention to safety when driving, drive at a proper speed, and try to avoid frequent braking.