



User Manual-SY002



Smart Ebike World, Smart our Green Life!—SOYON Ebike

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Feature:

LED Lights

Big luxury LED headlight with long distance light, high brightness, energy saving and durable, improving your safety in mixed traffic.

LCD Dashboard Gauges

High resolution liquid crystal display for meter, speed and battery power.

Hydraulic Shock Absorber

Unique control mode and soft start, low noise, provides for a much more comfortable ride at a variety of road conditions.

Hydraulic Disk Brake System

EABS Brake (Electric Absorption Braking System) provides a good friction-grip when activated and helps to reduce the weight of the e-bike and improve its performance.

500 Watt Brushless Motor

High efficiency when working within its range.

Saving energy and extend travel range

Large torque, 35% more than the general

SAFTY INFO

“Thank you for purchasing our SOYON Ebike!”

*Any laws/regulations regarding “E-bikes” can be found on the Ministry of Transportation website:
www.mto.gov.on.ca*

1. Please follow the local laws for the Ebike.
2. DO NOT switch on ignition until properly seated and ready to ride.
3. DO NOT open batteries.
4. DO NOT ride on roadways where the posted speed limit is in excess of 60 km/h.
5. DO NOT ride on sidewalks or pedestrian-only pathways.
6. DO NOT operate the bike at speeds in excess of 32 km/h.

E-bike MTO Label

All electric bicycles are required to have this sticker on the bike to be a legal vehicle.



Specifications

Specifications	Items	Description
1	Brand Name	SOYON
2	Product Name	Ebike
3	Model	SY002
4	Color	Red
5	Dashboard Gauges	Digital
6	Brake(Front/Rear)	Front: Hydraulic Disk Brake Rear: Hydraulic Disk Brake
7	Input Voltage	110V
8	Output Voltage	65-68V
9	Battery Capacity	60V 20AH
10	Battery Type	GEL Sealed Lead Acid Cell Battery
11	Charge Time	3-10H
12	Controller	60V
13	Motor/Engine Type	Brushless, 500W
14	Max. Speed	32KM/H
15	Travel Range	60-70KM
16	Wheel Size	16/2.80 Tubeless
17	Lock System	Remote Starter /Remote Alarm / Key Ignition Lock / Steer Lock / Motor Lock
18	Lighting System	LED Headlight, Turning Signals, Brake Light, Tail Light, Indicator Light
19	Frame Material	Steel
20	Storage	Lockable Rear Box (optional), Lockable Under-Seat Storage

Charging the Ebike Battery

When you charge the Ebike, please confirm that the charging indicator turns red. When the battery is fully charged, the charging indicator will turn green.

It takes 8-10 hours to fully charge the bike from 0% battery life to 100% battery life.



WARNING!

- *CHARGING THE E-BIKE SHOULD TAKE A MAXIMUM OF 10 HOURS.
- *PLEASE FULLY CHARGE SOYON E-BIKE ONCE A MONTH DURING LONG INACTIVED PERIODS i.e. WINTER TIME.



Circuit Breaker



The circuit breaker is a switch to control the power running through the bike from the battery. Please make sure the switch is on for charging battery.

Brake and Tire



Pull this lever to activate the rear brake.

Pull this lever to activate the front brake.

Note: Please always use the back brake first then front brakes to disconnect the Ebike motor.



Disk Brakes (Rear) and Tire.

EABS Brake (Electric Absorption Braking System) provides a good friction-grip when activated and helps to reduce the weight of the e-bike and improve its performance.

Note: Remember to grease the chains once a month. The back wheel is not over tighten after adjustment.



Disc Brakes (front) and Tubeless Tires

EABS Brake (Electric Absorption Braking System) provides a good friction-grip when activated and helps to reduce the weight of the e-bike and improve its performance.

Folding Pedals and Stand

Ontario law requires all e-bikes to have pedals installed. Please don't take off the pedals. If the pedals are off, the vehicles will be considered as a motorcycle.



Foldable Bike Pedals



To fold the bike pedals, push the pedal inwards and lift up if necessary.



Side Stand

The side stand, flick it downwards to ground then lean it to the left. **Make sure the Ebike not tipped over, otherwise, please use Back Stand instead.**

Back Stand

The back kick stand is for all situations. Apply pressure with your foot downwards and gently lift the bike upwards **ONLY**.

Ignition

Please sit on the Ebike then turn it, otherwise you will risk touching the throttle by accident and run off by itself.

Follow below 3 steps to turn on the Ebike:



1



2



3

- 1.This is the handlebar lock position. This position is reached when the key is pushed in, and then turn counter clockwise, from the off position. This locks the handlebar when it is turned half way to the left. (The handlebar must be turned half way to the left before the key will turn).
- 2.This is the 'off' position. The key simply rests in the bike, and the bike is not turned on.
- 3.This is the 'on' position. This position is reached when the key is turned clockwise, from the off position. The bike will turn on, and all functions on the handlebars will work.

Remote Lock System

If the bike is turned on using the remote start, it can only be turned off using the 'unlock' button on the remote.

Lock

This button arms the bike. When the bike is armed, any physical movement or vibrations to the bike will cause the alarm to activate. If the back wheel is moved when the bike is locked, the back wheel will lock up and the alarm will sound loudly.

Unlock

This button unlocks the bike. It cancels all the functions of the 'lock' button. (Alarm sounding, back wheel lock) It also turns the bike off when the remote start is activated.



Bell

When this button is clicked, the bell sounds. (Similar sound to the alarm) This button is useful for locating your bike.

Remote Start

This button turns on your bike, without the use of the key, when it is clicked twice in succession.

This performs the same actions as manually turning the key to the right in the ignition to start the bike. (All the functions on the handlebar can be used also this does not open the storage under the seat).

Left-hand controls

High(LED)/Low Beam Switch
Pushing the switch up activates the high beams for the front headlights, pushing it down deactivate the high beams (make sure the light switch is on first).



Horn
Pushing this button sounds the horn.

Turning Signals

Pushing the switch to either the left or right positions will turn on the respective front/rear turning signals.

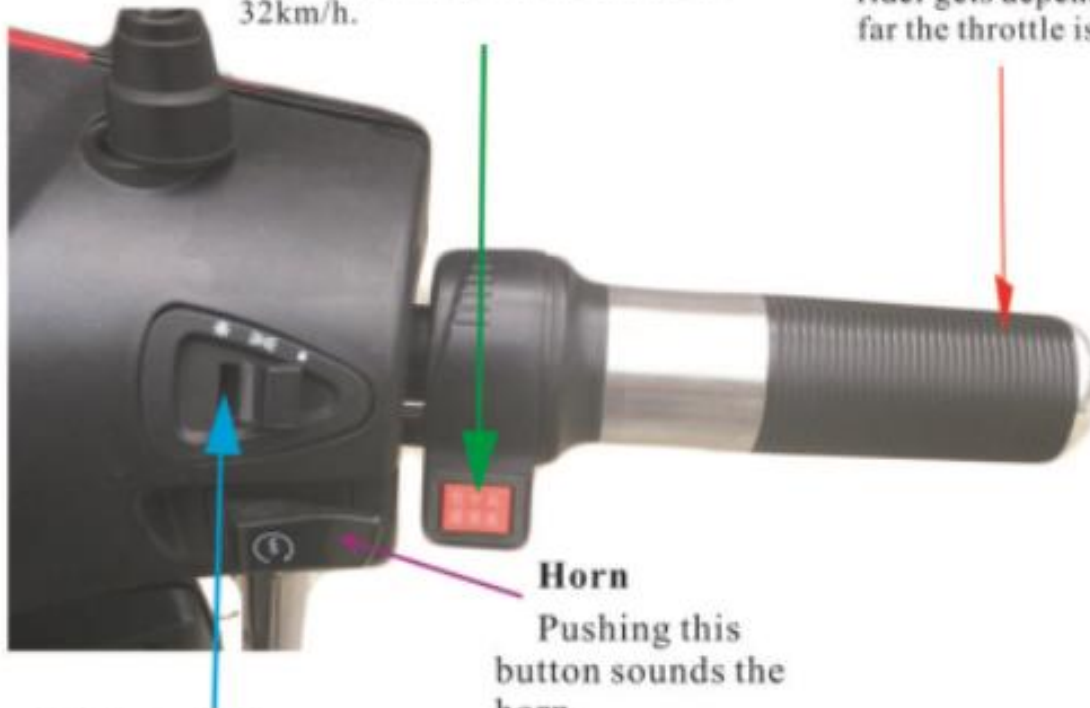
Right-hand Controls

Speed Control(used in China)

This button controls and limits the speed of your bike. “低速”is the slowest, “中速”is normal speed, “高速”is the fastest .Note: our Ebike max speed in Canada is 32km/h.

Throttle

The throttle is turned backwards toward the rider to move forward. (The amount of speed that the rider gets depends on how far the throttle is pulled)



Light Switch

This switch controls the amount of lightning on your bike. When the switch is pushed to the right, no extra lights are turned on. (Only brake lights work) When the switch is in the middle, the dashboard light and tail light turns on. When the switch is pushed to the left, the head-lights, tail-lights, and dashboard light are turned on.

Horn

Pushing this button sounds the horn.

WARNING!

Always make sure the ignition switch is off before trying to walk or move the bike by pushing or grabbing the handlebars since it is very easy to unintentionally twist the throttle grip.

Instrument

High resolution liquid crystal display for meter, speed and battery power.



Ebike Registration

Please register your account at www.SmartEbikeWorld.com . If you buy it in store, you still can setup account. Please know that your account is coupon ID too. Anyone uses it for Ebike purchase, the buyer will save \$100 and you will have \$50 rebate after the order processed successfully 3 months later. More sharing your SOYON Ebike account ID, you can make money from your share.

Thank you for your Business!



You can find our SOYON Ebike at below Websites:

www.SmartEbikeWorld.com

www.SOYON.ca

www.SHUNYO.ca

Connect With Us!

 <https://www.facebook.com/SoyonEbike>

 <https://ca.linkedin.com/in/SoyonEbike>

 **Email:** info@SOYON.ca

Please visit website www.SmartEbikeWorld.com for new e-bike models,
special deals and more!

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