

PANTHRO



GOLDEN
ELECTRIC
CYCLES

USER GUIDE

ConJet

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welcome

Congratulations! *You have in your possession one of the finest bicycle products in the world. The following pages will provide you with the information you need to properly use, adjust, maintain, and service your new bike, so you can get the most out of every ride!*



It is essential that you read this owner's manual thoroughly before riding your bicycle. *We know you're anxious to ride, but trust us, it will only take a few minutes, and then you can unleash the full potential of your bicycle.*

In order to prevent serious injury, please pay close attention to the safety and caution information located in this manual. If you encounter any issues with your bicycle that aren't covered in this guide, please contact your nearest authorized dealer. Consider Golden Cycles as your number one dealer to answer questions, perform required maintenance, and recommend the best equipment and gear to compliment your ride.

*Please contact us to see which available
Authorized Dealer is in your area (pg.3)
Thank You for buying Golden Cycles! We are
proud to be your brand of choice
SERIAL # _____*

Now Go Ride!

General warning

*Like any sport, **bicycling involves risk of injury and damage.** By choosing to ride a bicycle you assume the responsibility for that risk; so you need to know and **practice the rules of safe and responsible riding** and proper use and maintenance, as this can reduce risk of injury.*

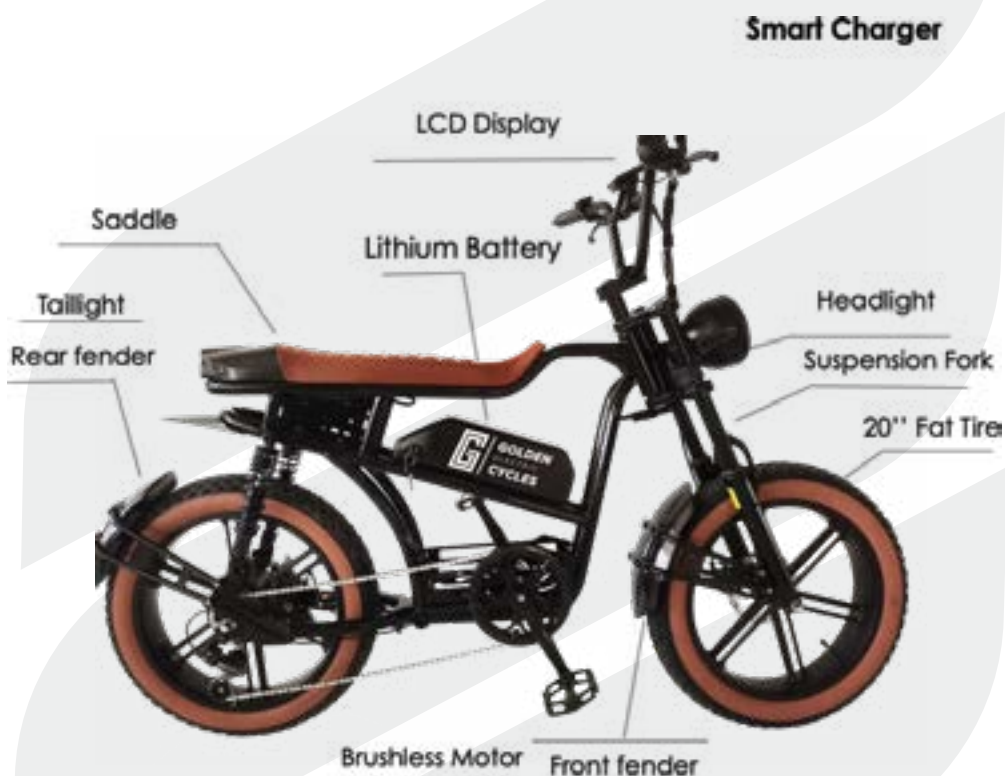
*This guide contains many **warnings and cautions**, failure to follow these guidelines can lead to serious injury. Our inability to anticipate every situation or condition which can occur while riding makes this guide no representation about the safe use of the bicycle under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided and which are the sole **responsibility of the rider.***

a note to parents

*We recommend this bicycle for adults, if you choose to have your child ride it please be aware it is at **your sole responsibility, and personal liability.** IF you allow your child to ride make sure they wear an **approved DOT bicycle helmet** at all times. A bicycling helmet is intended for bicycling only, failure to follow this warning may result in serious injury or death.*

*As a parent/guardian you are responsible for the activities and safety of your child. This includes making sure the **bicycle is properly fitted** to the child, that is it in **good repair and safe operating condition**; that your child has learned and understands the safe operation of a bicycle, that your child has learned, understands, and obeys local motor vehicle laws, bicycle and traffic laws, and the common sense rules of safe and responsible cycling. You should read this manual carefully before allowing your child to ride the bicycle.*

Bike Details



Two modes:

1. Pedal assist mode

The mission setting cannot be PAS 0, The motor will surge when rider pedals. There are 5 Pas modes on display, and you can change to Pas 5 and Keep pedaling then it will reach to its max speed.

2. Pure electric mode

Twist the throttle, the bike will go on, and motor will surge when the speed is over 12km/h. Keep twisting the throttle then it will reach to its max speed.

Bike Details

Items	Details	Items	Details
Bike code	Panthro	Motor	High Speed brushless rear hub
BRAND	Golden Cycles	Voltage *	48V
Frame material	High carbon steel	Battery capacity *	13Ah
Net Weight	39KG	Battery Type	Lithium Battery
Max load	150KG	Charging time	7-8 hours
Tire Brand *	CHAOYANG	Display	LCD Color
Tire Size	20inch*4.0 Fat Tire	Brake *	Disc Brake
Deraillieur	Shimano 7 speed	Package size	144.5*32.5*86cm
Power *	500W High Speed brushless rear hub		
Max Speed	35Km/h		
Certificate	CE ROHS FCCT UV		
Range	With High Speed Brushless Motor; DISTANCE range: 35-55KM		

getting started

List of loose parts & contents

Contained in the bike box

- Assembled bike frame with rear tire
- Front Tire
- Handlebar
- Fenders
- Parts Box including:
 - Left & Right Pedals
 - Battery Charger
 - Battery Keys(2)
 - Tools



Step 1 Bike Standing Display status diagram

- We recommend you to use a bike stand for ease of assembly
- Please carefully use scissors to cut off the zip ties, ensuring not to scratch or damage the e-bike

Step 2 Install the Handlebar

- Rotate the stem if it is not perpendicular to the fork and make sure it is facing towards the front of the e-bike
- Tighten the stem's bolts to secure it to the head tube
- Completely remove the stem's handlebar clamp bolts
- Center the handlebar in the stem, please check the handlebar orientation is correct
- Using the hex key to tighten all four bolts to hold the handlebar at the desire angle

getting started

Step 3 Install Front Wheel on Fork

- Mount the wheel to the fork, carefully
guiding the brake pads onto the rotor.

The axle should fit into the fork snugly

- Using the bolt and screw to tighten the fork and wheel.



Step 4 Install Fender

- Unscrew the bolt at the center of the top of the fork
- Clamp the fender mount between the locking bolts and frame mount bracket
- Tighten the nut and being sure is center above the wheel

Step 5 Install the Pedals

- Before installing, please determine which pedal is L (Left) and which is R (Right) by looking at the letters on the pedal
- Take example, thread the R pedal by hand onto the chain-side crank arm in a clockwise direction
- Then use an open wrench to tighten the pedal

LCD SCREEN

Battery power

Gear indicator

Speed

Multifunctional display area

Speed and Indication

Vehicle status indicator

Speed Unit



Display status diagram



Headlight



Cruise



6km/h Boost



PAS

PAS Gear



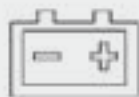
Handlebar failure



Controller failure



Motor failure



Undervoltage



Brake





Boosting cycling


LCD SCREEN

Operations



> Switching function

1. Long press the button [] 2 seconds to turn on / off.
2. Long press the UP button [] to turn on the headlights automatically.



> (PAS) Pushing Level Setting

- *Under main interface, long press the button [] if the bike is stationary, enter the vehicle boost mode. If the bicycle is moving, enter cruise mode.


> Gear Shifting

In the main interface, short press [] [] to switch gears.

> Speed Display Mode Switching




In the main interface, long press [] button + [] button, enter the speed display mode switch, each long press will switch the display in turn: real-time speed (CUR), maximum speed (MAX), average speed (AVG).

> Mileage mode/run time/voltage display switching

Short press [] button", switch mode, display in order: current mileage (DST), total mileage (ODO), current running time (TIME), current battery voltage (VOL).

display

Parameter Settings

Long press button [] + [] at the same time to enter /exit the setting parameter; after entering the setting, press [] briefly to go to the next parameter and adjust the value by up and down keys.

Multifunctional display area

TRIP ODO DST TIME VOL CUR


AVG	ODO	CUR	TIME	VOL	DST
Average speed	Odometer	Current Speed	Ride Time	Current Voltage	TRIP DISTANCE

Fault code

E-001	motor failure
E-002	Throttle failure
E-003	controller failure
E-004	brake failure
E-005	Controller undervoltage
E-006	Communication failure
E-007	Controller does not receive display signal

Battery tips

Lock / Unlock the battery

Turn the key counterclockwise to unlock the battery. Clockwise to lock the battery.



Remove the battery

After unlocking the battery, tilt it to the left and push forward to remove the battery. To return the battery, insert back into the frame housing until it clicks into place. Do not forget to lock the battery.

*Please note that this port do not show the battery level!



Charging the battery

- Connect to the battery to the charger
- Connect the charger to a power outlet
- The charger indicator light has two types.

When charging is in progress the indicator light shows red; after fully charged (7-8 hours), the light will show green.

Battery level display:



Charging tips

- Please store and charge your battery in a dry location. Do not exposure the battery under water, humidity, and damp conditions
- Please note that it is normal for small sparks to appear when the battery is connected to the charger. No worries!

Charging safety

- Use original charger. Do not use another brand or model of charger for charging.

Troubleshooting

Symptoms	Potential causes	Common method
No power indication when power on	<ul style="list-style-type: none">• Short circuit of fuse• Poor contact between the power plug and the battery	<ul style="list-style-type: none">• Check whether the fuse needs to be replaced• Check if the connector is loose
Motor not responding when the bike is powered on	<ul style="list-style-type: none">• Low battery voltage• Half-hold the brake lever, causing the power-off switch to activate	<ul style="list-style-type: none">• Fully charge the battery• Do not hold the brake lever when starting
Slow driving or insufficient continuous mileage	<ul style="list-style-type: none">• Low voltage of lithium battery• Insufficient tire pressure• Frequent braking, starting, overloading• Lithium battery aging or normal degradation• The ambient temperature is low, and the battery capacity is reduced	<ul style="list-style-type: none">• Check if the plug is in bad contact during charging• Check the tire pressure every time you use it• Develop good driving habits• Replace the lithium battery• It is normal

Troubleshooting

Symptoms	Potential causes	Common method
Lithium battery does not charge	<ul style="list-style-type: none">• Poor contact between charger plug and lithium battery socket• The charger is damaged	<ul style="list-style-type: none">• Check if the plug is loose• Replace the charger
The vehicle has abnormal noise	<ul style="list-style-type: none">• Loose screws in various parts• Wear of moving parts and fixed parts• The bearing is damaged or broken due to loss of oil	<ul style="list-style-type: none">• Tighten the screws of each part• Check whether there is abrasion on each part• Lubricate or replace bearings
The brakes are not working	<ul style="list-style-type: none">• Wear of brake shoes or brake discs• Insufficient oil brake fluid• Displacement of the brake zipper	<ul style="list-style-type: none">• Replace the brake shoe or brake disc• Replenish brake fluid• Adjust the brake zipper

release of liability

Parts	Time	Warranty
Motor	1 years	Hall original burnt out, quality dysfunction
Battery	1 years	Unable to charge and discharge, the detection capacity is less than 60%
Controller	1 yearsD	isfunction
Display	1 years	Dysfunction, unable to open, or garbled characters
Speed sensor	1 yearsL	oss of assist function
Front axle, bottom axle, flywheel	1 yearsM	aterial fracture
Power off brake lever	1 yearsL	oss of power-off function
Speed control	1 yearsL	oss of power-off function

Non-warranty scope

1. The warranty period has expired.
2. Improper use, maintenance or collision, damage, water ingress, burnout, overload use, and other Damage caused by his abnormal riding.
- 3.The damage caused by the user's man-made damage (cutting the thread), self-modification, and dismantling. Install accessories that are not compatible with the bike.
4. Failures caused by human factors such as crashes, crashes, overloads, and speeding. (The gift items are not covered by the warranty.)

release of liability

please read carefully.

Bicycle riding is a hazardous sport and/or activity.

This bicycle bought from Innovative Sports Distribution and Zyclefix Bicycles Inc. or any of its authorized bicycle dealers and/or distributors is understood to be the consumer's sole responsibility and legal liability.

I, the consumer and purchaser of this Golden Cycles branded bicycle and/or product understand and acknowledge that bicycle riding may cause injury or death due to normal use, abuse, poorly maintained equipment, stunt riding, road terrain and/or accidents. I hereby release Innovative Sports Distribution and Zyclefix Bicycles Inc., its owners, affiliates and employees from any and all legal liability from injury, property damage, and death to myself, or my minor children and anyone that rides this bicycle. The rider assumes full responsibility and liability resulting from assembly, maintenance, or use (as stated above) of any such equipment. I agree to defend, indemnify and hold harmless Innovative Sports Distribution and Zyclefix Bicycles Inc. for and from any injury to other person(s) or property which I may cause as a result of engaging in the activity of riding a bicycle from this distributor.

Safe riders



ALWAYS
WEAR A HELMET



USE SAFETY LIGHTS
DILIGENTLY



DON'T RIDE AT
NIGHT



MAKE SURE YOU
CAN RIDE AT
HIGH SPEED

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