POWER ASSISTED BICYCLES

DRIFT

OWNERS MANUAL

POWER ASSISTED BICYCLES

Welcome to the World of e.bike cycling.

Firstly may we congratulate you on purchasing your new electric power assisted e.bike.

Please take time to read your manual. We have tried to write it in a way that is simple and easy to follow, whilst explaining how your bike works and how it is maintained. At any point if you feel you need help we have a tehnical helpline for support.

Please call our
Technical help line:
(weekdays 9am-5pm)

01702208187

(standard call rate charge applies)

Simply explained this is how your e.life bike basically works.

1. Press the button on the battery to ON. (Fig.5)
2. Switch the power on by pressing the top left button on your controller on the handlebars. (Fig.4)
2. As you begin to pedal a sensor will read the level of effort needed to turn the wheels of your bike.
3. After one complete turn of the pedal the electric motor kicks in making pedaling much easier.
4. There are 4 setting on your controller on the handlebar, allowing you to set the level of assistance you require. (Fig.4)
   For example: Riding up a hill you'll probably use 'High', mode.
5. Change the level of assistance you need at any time and as often as you wish.
6. The motor works to assist pedaling, stop pedaling and the motor stops too.
7. Applying the brakes cuts the motor (Fig.3)
8. You can also choose to switch the assist OFF and ON on the controller at any point in your journey. This helps to save battery power when its not needed.

The more you use the assist, the more power it uses, each rider is different so figures can vary considerably with different rider weight and the terrain you ride. Generally with normal use, you should be able to obtain around 20 miles, before you need to re-charge your battery.

We Recommend that you get used to your new e.life bike and the level of assist you place on it, you'll soon be able to work out how long a journey you can make and safely return under assist. You can of course ride as you would a normal bike if the charge runs out.

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POWER ASSISTED BICYCLES

Contents check list

1. Your E.Life
2. Box containing:
a. Battery Charger
3. Box containing:
a. Tool kit and bag
b. This Manual
4. Set of Keys
(attached to handlebar cables)

IMPORTANT!

PLEASE REMEMBER THAT IT IS IMPORTANT TO KEEP THE CARTON YOUR BIKE ARRIVED IN , COURIERS CANNOT COLLECT YOUR BIKE WITHOUT A CARTON SHOULD YOU HAVE NEED TO RETURN IT TO US.

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There are video tutorials online or on Ideal World's website designed to assist you if you need help.

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Fitting the Saddle

Fig.1

The Saddle and Seatpost are already fitted together.

1. Adjust the saddle height to suit you by releasing the quickrelease

NOTE: Be sure not raise the seatpost higher than the minimum insertion mark clearly on the seatpost.

Pre-Ride Checks

Fig.2

The Battery charge level is shown on the Control module on your handlebar.

Complete these checks before every ride

1. Check to make sure all nuts/fastenings are tight
2. Check that your tyres are inflated sufficiently (see tyre wall)
3. Check that the brakes are working correctly. (These are set by the factory and should not require adjusting).
4. **Check your battery for charge.**
   (Note: Your new e.life battery is supplied with a partial charge)

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Getting Started

Switch the battery on with the button on the battery.

1. Press top button on the Controller on your handlebars
2. 'MODE' is set on '1' - This is a default setting.

THAT'S IT.....You're ready to go.

3. To start , simply begin to pedal. Once the crank is turning you will feel the motor kick-in and the electric system begin to assist you.
4. You have 4 levels of assist and its a good idea to try all levels to give you a feel of the effect this has on your riding.
5. Remember, stopping pedaling or braking cuts the motor assist, so you can always feel safely in total control.

Fig.3

Applying the brakes activates the brake sensor which cuts the power to the motor.

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Understanding your controller

Your Module Controller has many functions and is relatively simple to use, to the left is listed the the buttons and their functions.

Press to switch ON/OFF

Press to increase assist level 0-3.

Press to reduce assist level 3-0.

Fig.4

Understanding your battery

Fig.5

Press the button under the battery.

1. Security

1. You are supplied with 2 keys to secure your battery to your bike. It is advisable to separate the keys as they cannot be replaced if lost.

2. Insert the key and unlock the battery enabling you to remove for security or to charge away from the bike.

3. Once unlocked the battery is withdrawn from the frame to replace simply reverse the procedure.

2. Battery operation

1. Switching ON/OFF is by way of a switch which lies under the bottom of the battery
Remember to switch OFF when not in use as this may drain the battery

2. Battery Charger

1. NOTE: Only charge your battery with the Charger supplied with your e.life The charger is set to 220/240V. Never use 110vsetting.

2. Avoid dropping the Charger as this may damage the sensitive electronics within the casing.

3. You can leave the battery charging, it will stop charging by itself when it has reached full charge, but it is not recommended to leave charging for any considerable time over what is required.

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Charging your Battery

Your Lithium Battery arrives partially charged.

Your Battery can be charged on or off your bike.

1. Plug your charger into the mains, the LED light will illuminate GREEN
2. Connect the charger to the battery using the lead provided, the LED light on the charger will change to RED. This indicates it is charging.
3. Once Fully charged the LED light on the charger switches back to GREEN indicting the battery is fully charged, and then goes off..

To fully charge your battery takes approx. 2-3 hours

Basic rules to follow when charging your battery

1. Do not cover charger with any material of substance that may restrict airflow to the charger. The charger needs to 'Breath' to keep cool.
2. Charging your battery each time you use it no matter how far the trip, will prolong the life of the battery.
3. DO NOT leave the battery discharged for long periods.
4. Never open the charger or change settings on charger.

Maintenance of your e.bike

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General

Fig.6

It is ok to oil the front and rear axles and chain . The Motor should not be lubricated.

1. Wipe your bike over with a dry cloth, or neutral detergent.
2. Use lubrication oil for metal parts. i.e. chain, axles.
3. Wipe down Plastics, paint coated parts with a quality cloth.
4. Increase the frequency of lubricating oil at wet or humid areas (Recommend 30SAE lubricating oil)

Weekly Inspection

It is recommended that after this period you should inspect your bike as things will slacken off and need re-tightening.

3 Month Inspection

We recommend after 3 months you complete a full service on your bike to keep it in excellent working order. The simplest way is to take into your local bike shop.

When stored and not in use remove the battery and store in a cool, dry place, charging periodically as the battery will discharge over time of non use. Failure to do this will result in the battery falling into a dormant state rendering the battery unrepairable.

PLEASE NOTE:
If you do not feel that you can complete the maintenance of your bike, please take it to your local bicycle workshop where they will be able to assist you.

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If unsure on any of these points, or you fail to correct the problem, please call the helpline who will be able to advise you.

Please call our
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Simple Troubleshooting

Problem	Check	Action
Low Speed	battery power	Charge Battery
	Tyre pressure	Inflate tyre
	If tyre flat	Repair tyre
	Load	Do not overload
The Motor is not working Power indicator light does not come on	Every plug	Ensure every plug is connected Check the sensor is still in place on the on the bottom bracket Contact Helpline
Power indicator on battery is on,but the bike doesn't work.	Loose wiring or connection.	Check wiring and connections, check Sensor as above Contact Helpline.
Reduce battery performance.	Is the battery fully charged?	If NOT, charge fully.
Charger not giving full charge.	Check the light on charge remains RED during charging period?	If NOT, replace charger
Low Battery power	charger works correctly?	Replace Battery.
Brakes loose	Cable tension Worn blocks	Take to cycle shop for service.

Warranty

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Subject to the following, Ideal World warrants that the goods will correspond with their specification at the time of purchase and will be free from defects in material and workmanship.

Ideal World offers a 2 year warranty on the frame from any problems relating to manufacturer workmanship or arising from material defects including breakages or cracking caused whilst riding (other than rider misuse).

Ideal World offers 12 months warranty on the battery and motor for any problems relating to manufacturers workmanship or arising from material defects. The warranty does not cover misuse or failure to follow the manufacturer's operational instructions correctly.

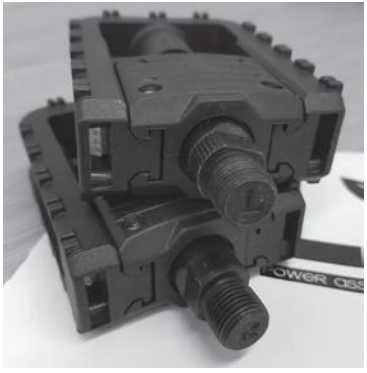
All other components are guaranteed for 1 year for problems related to manufacturer workmanship or arising from material defects with the exception of consumable components for example brake blocks, pads, grips, tyres and tubes.

Ideal World offers this warranty to the original purchaser of the product. This warranty is not transferable to a third party.

PLEASE NOTE:
Any figures quoted regarding battery performance or distances which can be obtained per single charge are based on standard test conditions. Diverse terrain and rider weight will of course produce varying results from those stated.

Replacement Batteries & Chargers

Replacement batteries and chargers are available to fit your bike and can be purchased separately from Ideal World.



Should you ever need to remove or replace your pedals it is important to know that left-hand pedal screws in ANTI-CLOCKWISE and the right-hand pedal screws in CLOCKWISE.
Pedals are normally stamped on the ends of the axle of the pedal as in the photo, L and R.

Nation service Centre

ELIFE have teamed up with

ELECTRIC BIKE WORLD

to offer all Ideal World customers a Nationwide Service for your e.bike. If you live in Scotland or Cornwall or anywhere in between and you want the best electric bike service then please contact us for more information.

Monday - Saturday 9am - 5pm.

Line 1. 02380 236 540
Line 2. 02380 224 344

eLIFE
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Distributed in the UK by

Ideal World

Ideal Home House,
Newark Road,
Peterborough,
PE1 5WG

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