



# Poly Power Pack,



# User HANDBOOK

**E Bike Power UK LTD**

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## Battery Maintenance

1. Please charge your battery before use
2. Always charge your battery with your battery turned on
3. The chargers LED light or glow red while the Batterys is charging. The green light will show when the batteries is fully charged.
4. Charge time will differ depending on the charger you have been supplied with your battery. For example, if you have a 2 Amp charger. This means the battery will charge at 2 Amps per hour. If you have a 13 amp hour battery the charge time will be 6 hours for empty.
5. We strongly recommend that use our charger provided with the battery. If any event events do need a replacement charger, we recommend that you contact the vendor that you purchased the battery from.
6. We recommend that you do not let your battery go below 10% of charge
7. The battery has a safety system called a BMS. (battery management system) please do not exceed the rated amps of the Batterys BMS. For example, if the battery is rated for 30 A, your controller must be 30 A or less.
8. Your Battery must be stored in a cool, clean and dry environment. Best temperatures for storing a battery or 15-35 degrees Celsius.
9. Battery storage temperature is 0°C-45°C, humidity is 65%±20%RH, for long time storage (over 3 months) is 25°C±5°C, 65%±20%RH.
10. The optimal charge for storage is between 60 to 80%.
11. We recommend to do a one hour charge, once months when storing the battery.

## Warnings.

1. Never submerge the battery underwater
2. Always store in a cool and dry place
3. Never put the battery near fire or heat
4. Please do not open or dismantle or modify the battery in anyway
5. Do not short circuit the positive and negative terminal or allow them to make contact with any metal
6. Please handle the Battery with care do not drop it and ensure that Battery locked to the Battery base before riding.
7. Store the Battery out of the reach of children.
8. If you ever need to dispose of the Battery, please dispose of it safely with a reputable disposal company.
9. Do not charge the Battery with a charger that is capable of producing a output of more than 3 Amps

## Fault diagnosis

If the battery will not charge

1. Check the charger indicator light (red for charging, green for fully charged).
2. Check the charger voltage with a voltage Charger 29.4v=24v battery, Charger 42v=36v battery, Charger 54.6v=48v battery, Charger 58.8v=52v battery, Charger Other model please confirm with your Battery's vendor
3. Check the battery if fully charged
4. Check the wire on the charger if connect well.
5. Check the fuse on the plug.
6. If it's any doubt, please contact your Battery vendor
7. Check the fuse if burnout (charger current over 3A have fuse)

## Possible battery failure.

1. Ensure your battery is turned on. Check the LED indicator to see if this will illuminate.
2. Check your positive discharge safety fuse. If this fuse has blown, please replace it.
3. Check the connector between battery and controller if opposite or connect not well.
4. Check the Battery terminal pins are clean and I'm making a secure connection

Battery range is short.

Ensure the Battery is fully charged. Please turn on the switch when recharge the battery.

Other questions please contact your Battery vendor

## E-BIKE LI ION BATTERY



## Applicable Model:

ZBL-48V13AH ZBL-48V15AH  
ZBL-48V20AH ZBL-48V25AH  
ZBL-52V13AH ZBL-52V20AH

# OPERATING MANUAL



Made in China

Producer: Dongguan ZBpower Technology Co., Ltd  
Add: Room 301, 2 Building, NO. 1 Weizai Road, Tianxin Village, Tangxia Town, Dongguan, Guangdong, China

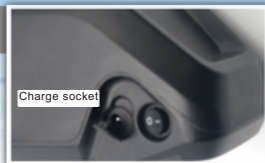
Li ion Battery Manufacturer



## Function introduction

### Charge Socket

Charge socket, This can only be charged at 3 Amps maximum



### Power Switch

On, Off Switch,  
0" is Off  
1" is ON



### Battery Base

4 slot base, Use a minimum of 2 slots to secure the battery base to your bike. Please use the two screws provide. This is designed to be installed to you water bottle holder mounts

ZS-HL3



### Battery Level Indicator

Press & hold the rubber button for the LED to illuminate. 1 Red 25% or less 1 Red 1 Green 50% or less 1 Red 2 Green 75% or less 1 Red 3 Green 76% to 100%



### Battery Lock

2 Keys, Unique to your battery.  
180 degree locking mechanism  
PLEASE ENSURE YOUR BATTERY IS LOCKED BEFORE RIDING



### Discharge Socket

Discharge lead,  
You may find a line fuse, this is for extra safety. Please replace this like for like if the fuse fails.  
Red Positive  
Black is negative



### Charger

For this model of battery 3 amps is the maximum charge rate.  
Red indicates the charger is charging.  
Green indicates the battery is fully charged.  
Please note the charge will get hot when in use  
We recommend only use the charger provided.



### Installation Procedure

Remove the battery base from the battery, use the two screws to install the battery to your bike.



1. Install the battery base 2. Install your battery 3. Lock your battery