

HYCD Series Battery Charger

for

Electric Bicycles

Operation Instructions

Dear Customer:

Hi! You are welcome to use this HYCD Series Battery Charger for Electric Bicycles. Thank you for your choice of it. You are requested to read this Operation Instructions before you begin to use it.

1. HY Series Battery Charger types table

Type	Applicable Batteries
HYCD-3601 Type	36V, 10-12 Ah battery pack
HYCD-3602 Type	36V, 17-20 Ah battery pack
HYCD-4801 Type	48V, 17-20 Ah battery pack
✓ HYCD-4802 Type	48V, 10-12 Ah battery pack
HYCD-6001 Type	60V, 17-20 Ah battery pack
HYCD-6002 Type	60V, 10-14 Ah battery pack

2. Main Technical Characteristics of HY Series Battery Charger

1. This product is made according to the high frequency switch power principle, which is characteristic of small volume, light weight and high efficiency.

2. The three-sectional type of constant current, constant voltage and eddy current is adopted in this battery charger, which is leading in technology, stable and reliable in performances and satisfactory in meeting the requirement for electric charging of lead-acid batteries.

3. An advanced charging control method is adopted in this battery charger, so as to ensure no overcharge or undercharge and prolongation of the service life of the batteries.

4. This product is simple and convenient in use and operation.

3. Main Technical Parameters

1. Input voltage: 110-280V, 47-60Hz

2. Application environment: -10~40°C
3. Duration of charging: 2 ~ 10 hours (depending upon service conditions of the battery)
4. Use Method
 1. First make sure that the product type should be applicable to the battery to be charged before charging.
 2. In using it, first insert the connector of the battery box and then insert the power plug.
 3. During the normal charge, the red indication light on the battery charger should be on. If the battery is fully charged, the red indication light should be off and only the green power light remains lit.
 4. When taking off the battery charger, first pull off the power plug and then pull out the connector of the battery box.
5. Points of Attention
 1. Be aware of danger, as there exists high voltage in the battery charger. It is forbidden for the customers to disassemble or assemble the battery charger. Do not touch the power plug with wet hands. It should not be used in wet or such environment full of inflammable or explosive gas.
 2. For your personal safety, be sure not to insert any object such as metal piece into the gap of the battery charger, so as to prevent any thing unexpected occurring.
 3. Keep it from moisture or rain when this product is placed or is used. In case it gets wet or caught in the rain, it should be oven- or air-dried before use.
 4. When charging, be sure to provide enough ventilation during the battery charging process.
 5. If the charging time is more than 36 hours or when there is nobody taking care of it, the power supply should be cut off.
 6. The battery should be avoided to be carried along with the

customer, as the battery charger may get damaged as a result of fierce vibration.

7. It is forbidden to use this battery charger for charging those batteries that can not be further charged.

8. If the power cord is damaged, for prevention of any danger, it should be replaced by the manufacturer or a professional repairman.

6. Warranty Stipulations

1. The warranty period free of charge is 12 months

2. For any one of the following conditions, the factory or the distributor is entitled to refuse its warranty repair:

A. The warranty period is exceeded.

B. The product is damaged because of getting wet, being caught in the rain or being immersed in water.

C. The product is damaged because of foreign object intrusion into it.

D. The product is damaged purposefully or because of other man-induced factors.

E. The date of manufacture is damaged artificially or removed privately.

F. The traveling kilometers of the electric bicycle fails to be conforming to the requirement, but the battery charger is conforming in its technical requirements.

7. Additional Remarks

1. For aftersale services of this battery charger, please contact the local distributors nearest to you.

2. During the charging process, if the red light is not changed, this phenomenon is caused not because of this battery charger but because of fluid shortage in the battery. Please immediately fill the battery with the replenishing fluid and this phenomenon will disappear and the traveling kilometers will be added as well.