

Acdctek LBC039420020

Acdctek 42V 2A AC Adapter Charger Instruction Manual

For Sailnovo Y1-14 Y114 36V 10.4Ah Electric Bicycle Battery

1. PRODUCT OVERVIEW

The Acdctek 42V 2A AC Adapter Charger is specifically designed to provide efficient and safe charging for your Sailnovo Y1-14 Y114 36V 10.4Ah 374.4Wh Battery, commonly found in 350W 14-inch folding electric bicycles. This charger incorporates multiple safety features to protect your device during the charging process.

Key Features:

- **Safety Protection Mechanisms:** Includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to ensure safe operation.
- **Input Voltage:** 100-240V AC, 50-60Hz, suitable for international use.
- **Output Voltage:** DC 42V 2A, optimized for compatible 36V battery systems.
- **Compatibility:** Designed for Sailnovo Y1-14 Y114 36V 10.4Ah 374.4Wh Battery 350W 14 inch Folding Electric Bicycle Commuting Bike Mini e-Bike Model LBC039420020.



Figure 1: The Acctestek 42V 2A AC Adapter Charger, showing the main adapter unit, AC input power cord, and DC output plug.

2. SETUP INSTRUCTIONS

Follow these steps to properly set up your charger for use:

1. **Inspect the Charger:** Before first use, carefully inspect the charger, cables, and connectors for any signs of damage. Do not use if any damage is observed.
2. **Connect AC Power:** Plug the AC power cord into the charger's input port. Then, connect the other end of the AC power cord into a standard 100-240V AC wall outlet. Ensure the connection is firm.
3. **Connect to Device:** Locate the charging port on your Sailnovo Y1-14 Y114 electric bicycle battery. Insert the DC output plug of the charger into the battery's charging port. Ensure the plug is fully inserted and secure.



Figure 2: The DC output plug of the charger, which connects to the electric bicycle battery.

Important: Always ensure the charger's output specifications (42V 2A) match the input requirements of your device to prevent damage.

3. OPERATING INSTRUCTIONS

Once the charger is properly connected, it will begin charging your electric bicycle battery.

- **Charging Indicator:** The charger may have an LED indicator (not explicitly shown, refer to your bicycle's battery indicator if available) to show charging status. Typically, a red light indicates charging, and a green light indicates a full charge.
- **Charging Time:** Charging time will vary depending on the battery's remaining capacity. Refer to your electric bicycle's manual for estimated charging times.
- **Disconnection:** Once the battery is fully charged, or if you need to stop charging, first disconnect the AC power cord from the wall outlet. Then, disconnect the DC output plug from the electric bicycle battery.
- **Avoid Overcharging:** While the charger has protection mechanisms, it is good practice to disconnect the charger once the battery is fully charged to prolong battery life.

4. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charger.

- **Storage:** Store the charger in a cool, dry, and well-ventilated area when not in use. Avoid extreme temperatures, direct sunlight, and high humidity.
- **Cleaning:** Clean the exterior of the charger with a soft, dry cloth. Do not use liquid cleaners, solvents, or abrasive materials.
- **Cable Inspection:** Regularly inspect the AC power cord and DC output cable for cuts, fraying, or any other signs of damage. If damage is found, discontinue use immediately and replace the charger.
- **Ventilation:** Ensure the charger has adequate ventilation during operation. Do not cover the charger or place it in an enclosed space that could restrict airflow.

5. TROUBLESHOOTING

If you encounter issues with your charger, refer to the following common problems and solutions:

- **Charger Not Working / No Power:**
 - Ensure the AC power cord is securely plugged into both the charger and the wall outlet.
 - Verify the wall outlet is functional by plugging in another device.
 - Check for any visible damage to the charger unit or cables. If damaged, do not use.
- **Battery Not Charging:**
 - Confirm the DC output plug is fully and securely inserted into the battery's charging port.
 - Ensure the charger's specifications (42V 2A) are compatible with your battery's requirements.
 - The battery might be fully charged or have an internal issue. Consult your bicycle's manual.
- **Charger Overheating:**
 - Immediately disconnect the charger from both the wall and the device.
 - Ensure the charger is in a well-ventilated area and not covered.
 - If overheating persists after ensuring proper ventilation, discontinue use and contact support.

If these steps do not resolve the issue, please refer to the Warranty & Support section.

6. SPECIFICATIONS

Detailed technical specifications for the Acdctek 42V 2A AC Adapter Charger:

- **Brand:** Acdctek
- **Model:** LBC039420020 (Compatible with Sailnovo Y1-14 Y114)
- **Input Voltage:** 100-240V AC, 50-60Hz
- **Output Voltage:** DC 42V
- **Output Current:** 2 Amps
- **Output Power:** 84 Watts (42V * 2A)
- **Connector Type:** Round DC Plug
- **Safety Protections:** OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
- **Manufacturer:** Acdctek





AC ADAPTER

INPUT: 100-240 V

50-60 Hz



Caution:

FOR USE WITH NOTEBOOK PC SPECIFIED IN MANUAL. BOOK ONLY. FOR INDOOR USE ONLY.
FOR USE WITH INFORMATION TECHNOLOGY EQUIPMENT ONLY.
CONNECT ONLY TO GROUNDED OUTLET.
UTILISER AVEC OU APTERNEIL, INFORMATIONQUE SEULEMENT.
APPARATER NA KUN TILKØRES, JØRDET STIKKONTAKT.
APPARATER SKALL ANSLUTAS TILL JØRDET UTTÅNR DEN ANSLUTS TILL ETT NÄTVERK.
ENDAST FÖR KONTORSMÅSKEN.
PRECAUTION:
PARA USO INTERIOR SOLOAMENTE.
CONNECTAR SOLO A TOMACORRIENTES CON TOMA DE T.E.S.S.A.
Laitte on liitettävä suojamaadoitusketjulla varustettuun pistotähtään.

MADE IN CHINA

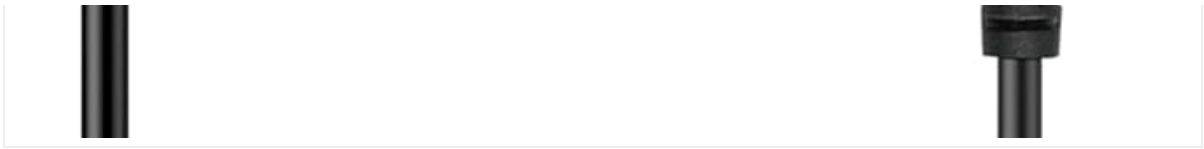


Figure 3: Top view of the charger, displaying its input and output specifications.

7. WARRANTY & SUPPORT

Warranty Information:

This Acctestek charger comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Customer Support:

For technical assistance, warranty claims, or any questions regarding the use of your Acctestek 42V 2A AC Adapter Charger, please contact the manufacturer or your retailer. When contacting support, please have your product model number (LBC039420020) and purchase information readily available.