

[Manuals.plus](#) /

› [YS YOSE POWER](#) /

› User Manual: YS YOSE POWER 48V 10.4Ah Ebike Battery

YS YOSE POWER F26f/H8(new Style 4pins) Vivi Battery 48v10.4ah With Charger

User Manual: YS YOSE POWER 48V 10.4Ah Ebike Battery

Model: F26f/H8 (New Style 4pins) Vivi Battery 48V 10.4Ah

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your YS YOSE POWER 48V 10.4Ah Ebike Battery. Please read it thoroughly before installation and operation to ensure optimal performance and longevity of your battery.

The battery is designed for compatibility with Viviebikes Vivi Electric Bike F26F (HL085) and H8 (New style 4pins) models. It features a high-capacity lithium-ion cell pack, integrated Battery Management System (BMS), and a secure locking mechanism.



Figure 1.1: YS YOSE POWER 48V 10.4Ah Ebike Battery, including the battery pack, mounting base, and charger.

2. SAFETY PRECAUTIONS

Always adhere to the following safety guidelines to prevent injury, damage, or fire.

- Do not disassemble, open, or shred the battery pack.
- Do not short-circuit the battery.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not expose the battery to mechanical shock.
- In the event of a battery leak, do not allow the liquid to come into contact with skin or eyes. If contact has occurred, wash the affected area with copious amounts of water and seek medical advice.
- Keep the battery clean and dry.
- Do not use any charger other than that specifically provided for use with the equipment.
- Observe all polarity markings on the battery and equipment.
- Dispose of the battery properly according to local regulations. Do not dispose of with household waste.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package.

- 1 x 48V 10.4Ah Ebike Battery Pack
- 1 x Battery Holder Base
- 1 x Charger (54.6V 2A)
- 2 x Keys
- Extra Fuses (quantity may vary)



Figure 3.1: Included components: Battery pack, two keys, charger, and user manual.

4. PRODUCT SPECIFICATIONS

Feature	Detail
Battery Type	Lithium-ion

Feature	Detail
Nominal Voltage	48V
Capacity	10.4Ah (500Wh)
Standard Discharge Current	10A
Max Continuous Discharge Current	20A
Charger Output	54.6V 2A
Charging Time	Approximately 6 hours
Cycle Life	1000+ cycles
Motor Compatibility	0-750W motors
Dimensions (L x W x H)	15.6 x 3.7 x 3.6 inches (396 x 93 x 91 mm)
Weight	10.1 Pounds (approx. 3.2 kg)
Lock Design	Integrated lock on the left side



Voltage 48v10.4Ah	Cycle Life(time) 1000⁺	Charge Time 6hours	Driven Distance 38~125km
Energy 500wh	Weight 3.2kg	Install Position Down Tube	Largest matching motor 48v500w

Figure 4.1: Detailed dimensions and performance specifications of the battery.

5. INSTALLATION AND SETUP

Follow these steps to properly install your ebike battery.

5.1 Installing the Battery Holder Base

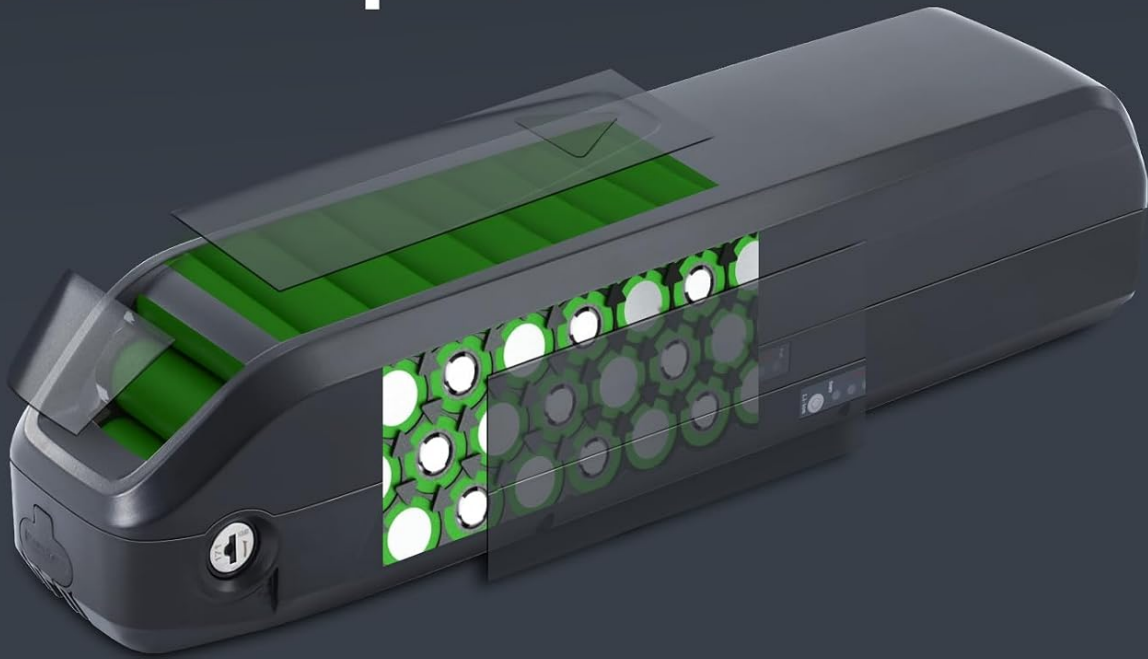
1. Identify the mounting location on your ebike's down tube.
2. Align the battery holder base with the mounting holes on your bike frame.
3. Secure the holder base using appropriate screws and tools (not included, typically provided with the ebike frame). Ensure it is firmly attached and does not wobble.

5.2 Installing the Battery Pack

1. Use the provided keys to unlock the battery holder base. The lock is located on the left side of the battery.
2. Slide the battery pack onto the installed holder base. Ensure the connectors align properly.

3. Push the battery firmly until it clicks into place.
4. Turn the key to the locked position to secure the battery to the frame. Remove the key.

High capacity, which allows for longer range and more power output



1000+
Cycle Life(time)

6hours
Charge Time

500Wh
Energy

Figure 5.1: The battery pack slides onto the pre-installed holder base.

6. OPERATION

6.1 Powering On/Off

The battery features a red power switch. Press the switch to the "I" position to turn the battery power on. Press to the "O" position to turn it off.

Power switch

Turn on and off the battery power. "o" is power off, "-" is power on.



Discharge socket

Standard Current: 10A
Max. Current(Continuous): 20A
Protect Current: 50A
End Voltage: 36.4V

Figure 6.1: The red power switch controls battery power. "O" is off, "I" is on.

6.2 Checking Battery Level

The battery is equipped with an indicator light system to show the remaining charge. Press and hold the power button briefly to activate the indicator lights. The lights will illuminate for a few seconds and then turn off automatically.

Four green lights: 100% Power

Three green lights, one red: 80% Power

Two green lights, two red: 60% Power

One green light, three red: 40% Power

All red lights: 20% Power or less, recharge soon.



Battery level light

- Press the  button the light will turn on.



100% Power



80% Power



60% Power



40% Power

Figure 6.2: Battery level indicator lights. Press the power button to check the charge.

6.3 Charging the Battery

To charge the battery, connect the charger to the charge socket on the battery pack. Then, plug the charger into a standard wall outlet. The charging indicator on the charger will typically show red during charging and turn green when fully charged. The charge current for this socket should not exceed 5 amps.

Safe lock

Lock, use to lock the battery on the frame.



Charge socket

The charge current for this socket can not be more than 5 amps.



Figure 6.3: The charge socket on the battery. Ensure charger output matches battery input requirements.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your battery.

- **Regular Charging:** Charge the battery regularly, even if not in frequent use. Avoid letting the battery completely discharge for extended periods.
- **Storage:** If storing the battery for a long time, charge it to about 50-60% capacity. Store in a cool, dry place away from direct sunlight and extreme temperatures. Recharge every 2-3 months during storage.
- **Cleaning:** Keep the battery and its contacts clean. Use a dry, soft cloth to wipe away dust or dirt. Do not use water or other liquids directly on the battery.
- **Temperature:** Operate and charge the battery within recommended temperature ranges (typically 0°C to 45°C for charging, -20°C to 60°C for discharging).
- **Inspection:** Periodically inspect the battery for any signs of damage, swelling, or corrosion. If any issues are

observed, discontinue use and contact support.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your ebike battery.

Problem	Possible Cause	Solution
Battery not turning on.	Power switch is off; Battery is fully discharged; Loose connection; Internal fault.	Ensure power switch is in "I" position. Charge the battery. Check connections to the bike. If problem persists, contact support.
Battery not charging.	Charger not plugged in; Faulty charger; Battery temperature too high/low; Battery fault.	Ensure charger is properly connected to wall and battery. Check charger indicator light. Move battery to a room temperature environment. Contact support if issues continue.
Reduced range or power.	Battery degradation over time; Improper charging habits; Extreme temperatures; Motor inefficiency.	Ensure full charges. Avoid frequent deep discharges. Operate within recommended temperature. Consult ebike manual for motor issues.
Battery not locking to base.	Misalignment; Obstruction; Key mechanism issue.	Ensure battery is fully seated on the base. Check for debris. Try lubricating the lock mechanism. Contact support if the lock is faulty.

9. WARRANTY AND SUPPORT

YS YOSE POWER provides an 18-month warranty for battery cells and motor components from the date of purchase. All batteries and kits are eligible for return and refund within 30 working days of receipt.

For warranty claims, technical support, or any questions not covered in this manual, please contact YS YOSE POWER customer service through the retailer where you purchased the product or visit the official YS YOSE POWER store on Amazon: [YS YOSE POWER Amazon Store](#)

Please have your purchase details and product model information ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0CX45MB6Z>

More documents and user manuals: <https://manuals.plus/>