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› [Power Hub 3 Power Distribution System Kit, DC 12V 15A Motorcycle Power Distribution Hub, Connecting Up to 5 Devices Installed on The Motorcycle](#)

## INNOVV INNOVV PH3

# INNOVV Power Hub 3 Instruction Manual

Motorcycle Power Distribution System Kit

## 1. INTRODUCTION

The INNOVV Power Hub 3 is a robust and efficient power distribution system designed specifically for motorcycles. It allows for the safe and organized connection of multiple 12V DC accessories, ensuring a stable power supply and protecting your devices and motorcycle's battery.

This manual provides detailed instructions for the installation, operation, and maintenance of your Power Hub 3, along with important safety information.

## 2. FEATURES

- **High Capacity:** Designed to handle DC 12V 15A total, providing stable power for your motorcycle accessories.
- **Multi-Device Connectivity:** Connects up to 5 devices simultaneously, such as GPS, phone chargers, and other essential accessories.
- **Integrated Installation:** Installs directly on the motorcycle for seamless integration and space-saving.
- **Device and Battery Protection:** Features intelligent power management to protect connected devices and the motorcycle's battery.
- **Fused Connections:** Each output wire is equipped with a 3A fuse, which can be swapped out as needed.
- **Delayed Power On/Off:** Connected devices will power on/off after a 10-second delay when the ignition is turned on or off.
- **Power Indicator:** A solid blue LED indicates power supply.

### 3. WHAT'S IN THE BOX

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Upon opening the package, please verify that all components are present and undamaged.

- INNOVV Power Hub 3 Unit
- Wiring Harness with pre-mounted terminals
- Spare Terminal Connectors
- Spare Fuses (3A)



Image: The INNOVV Power Hub 3 unit with its attached wiring harness, showing the input and output cables.

### 4. SPECIFICATIONS

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Parameter	Value
Model Number	INNOVV PH3
Input Voltage	DC 12V
Total Output Current	15A (Max)
Output Current Per Wire	3A (Default), 5A (Max)
Number of Output Channels	5
Power On/Off Delay	10 seconds
Dimensions (L x W x H)	Approximately 4.7cm x 3.1cm x 1.8cm (1.85 x 1.22 x 0.71 inches)
Weight	Approximately 10.58 ounces (300g)
Manufacturer	INNOVV

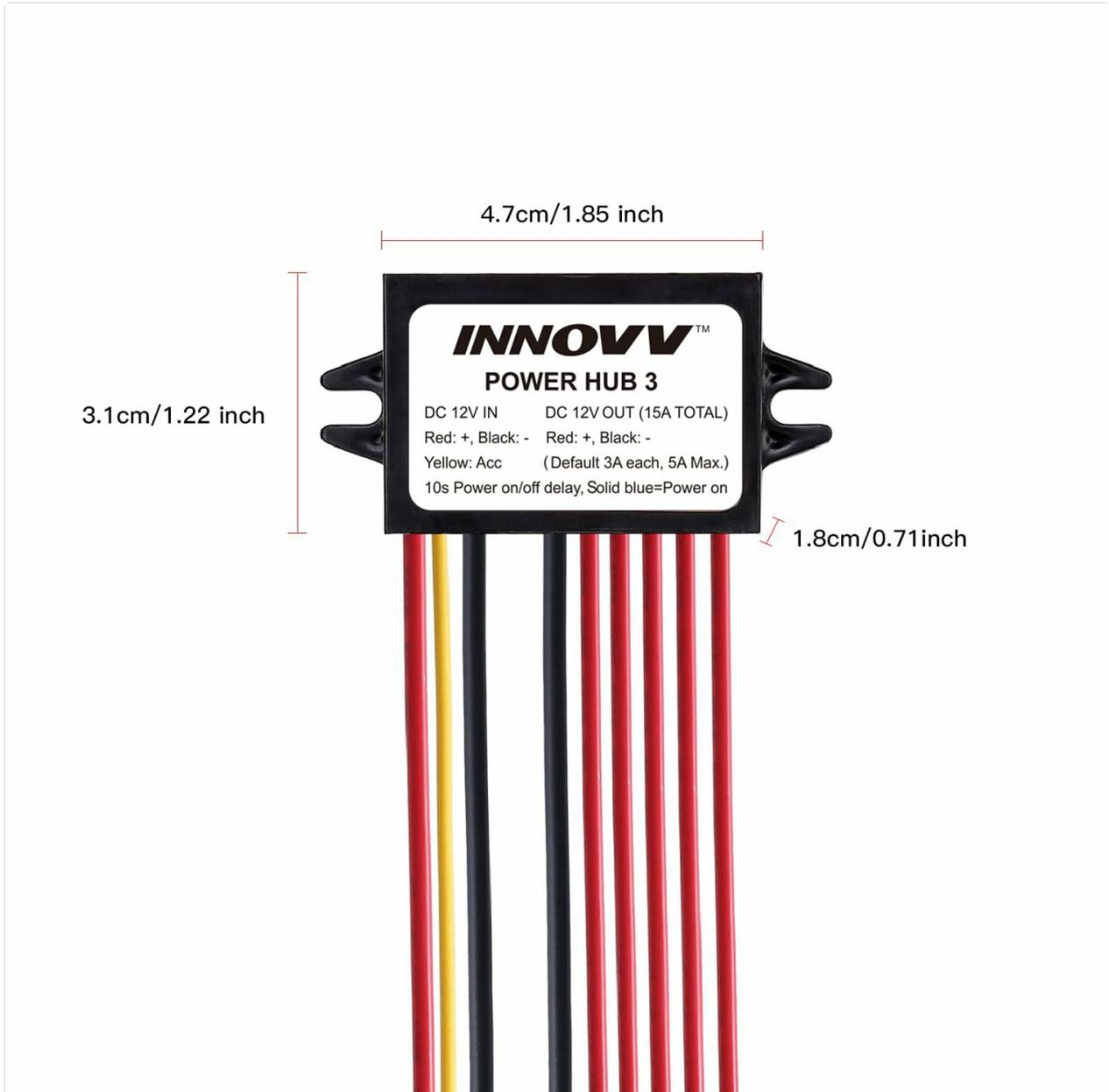


Image: The Power Hub 3 unit with its dimensions clearly marked in centimeters and inches.

## 5. SETUP AND INSTALLATION

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Proper installation is crucial for the safe and effective operation of the Power Hub 3. If you are unsure about any steps, please consult a qualified motorcycle technician.

### 5.1 Safety Precautions

- Always disconnect the motorcycle's battery before beginning any electrical work.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Do not exceed the maximum total output current of 15A.
- Route cables away from hot engine parts, moving components, and sharp edges.

### 5.2 Wiring Diagram and Connections

The Power Hub 3 has three input wires and five output wires:

- **Input Wires:**
  - **Red Wire (+):** Connect to the positive terminal of the motorcycle battery.
  - **Black Wire (-):** Connect to the negative terminal (ground) of the motorcycle battery or chassis.
  - **Yellow Wire (ACC):** Connect to a switched 12V power source that turns on and off with the motorcycle's ignition (e.g., accessory circuit). This triggers the Power Hub 3.
- **Output Wires (5x Red/Black pairs):** Each pair provides 12V DC power to your accessories. The red wire is positive (+), and the black wire is negative (-). Each output is fused at 3A by default.

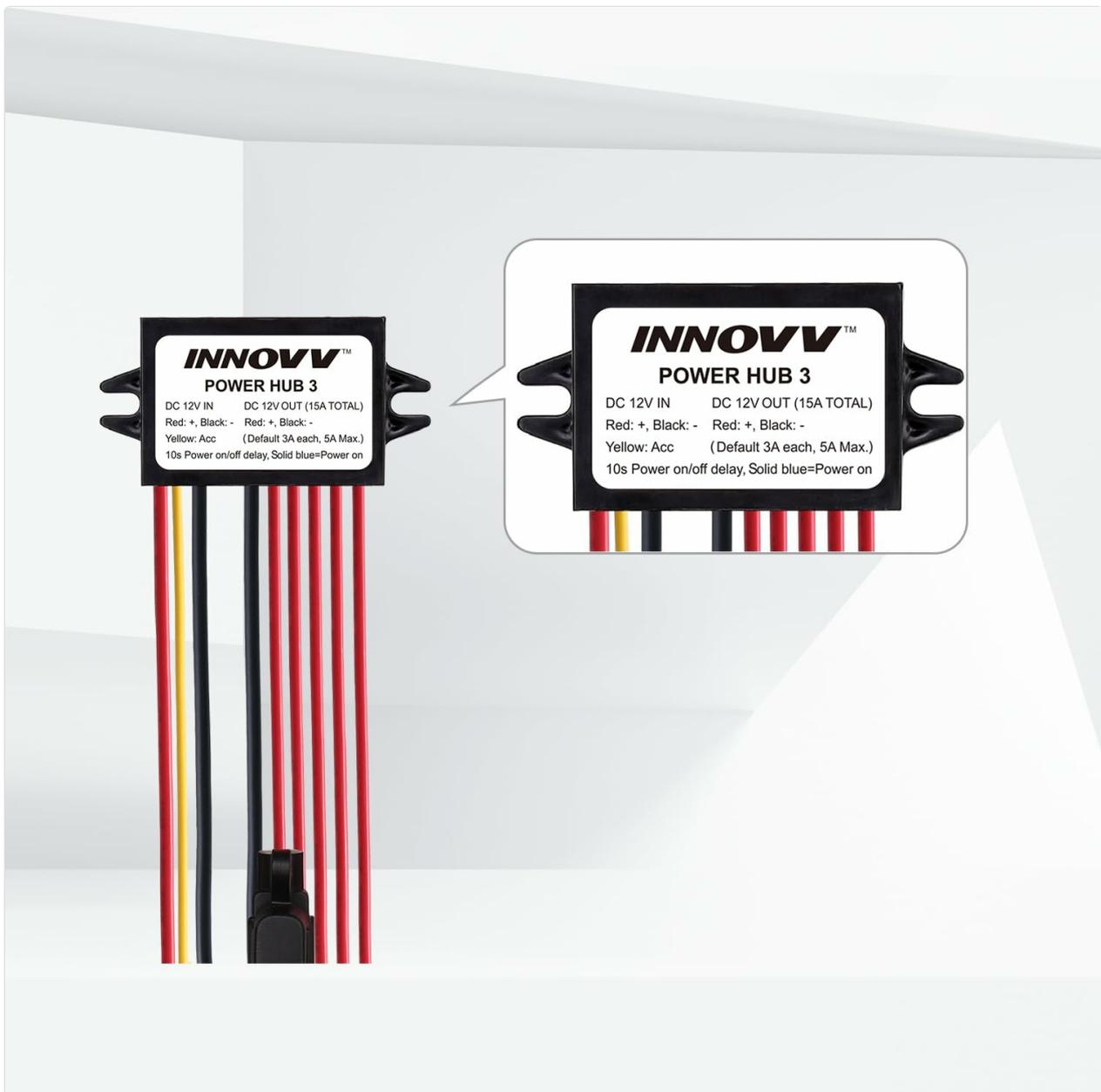


Image: A detailed view of the Power Hub 3 showing the labels for input (DC 12V IN: Red +, Black -, Yellow ACC) and output (DC 12V OUT: Red +, Black -) wires.

### 5.3 Installation Steps

1. **Choose a Mounting Location:** Select a dry, secure location on your motorcycle, such as under the seat or within a fairing, where the Power Hub 3 will be protected from direct elements and excessive heat. Ensure there is enough space for the unit and its wiring.
2. **Disconnect Battery:** Disconnect the negative (-) terminal of your motorcycle's battery first, followed by the positive (+) terminal.
3. **Connect Input Wires:**
  - Connect the **Red (+)** input wire of the Power Hub 3 to the positive terminal of your motorcycle battery.
  - Connect the **Black (-)** input wire of the Power Hub 3 to the negative terminal of your motorcycle battery or a suitable chassis ground point.
  - Connect the **Yellow (ACC)** input wire to a switched 12V power source on your motorcycle. This is typically a wire that receives power only when the ignition is on. Use a multimeter to identify such a source.

4. **Connect Accessories:** Connect the positive and negative wires of your 12V accessories to the corresponding red (+) and black (-) output wires of the Power Hub 3. Each output channel is independently fused.
5. **Secure Wiring:** Use zip ties or cable clamps to neatly route and secure all wiring, preventing it from chafing, vibrating loose, or interfering with moving parts.
6. **Reconnect Battery:** Reconnect the positive (+) terminal of your motorcycle battery first, then the negative (-) terminal.
7. **Test Functionality:** Turn on your motorcycle's ignition and observe the blue LED on the Power Hub 3. After approximately 10 seconds, the connected accessories should power on. Turn off the ignition; the accessories should power off after a 10-second delay.

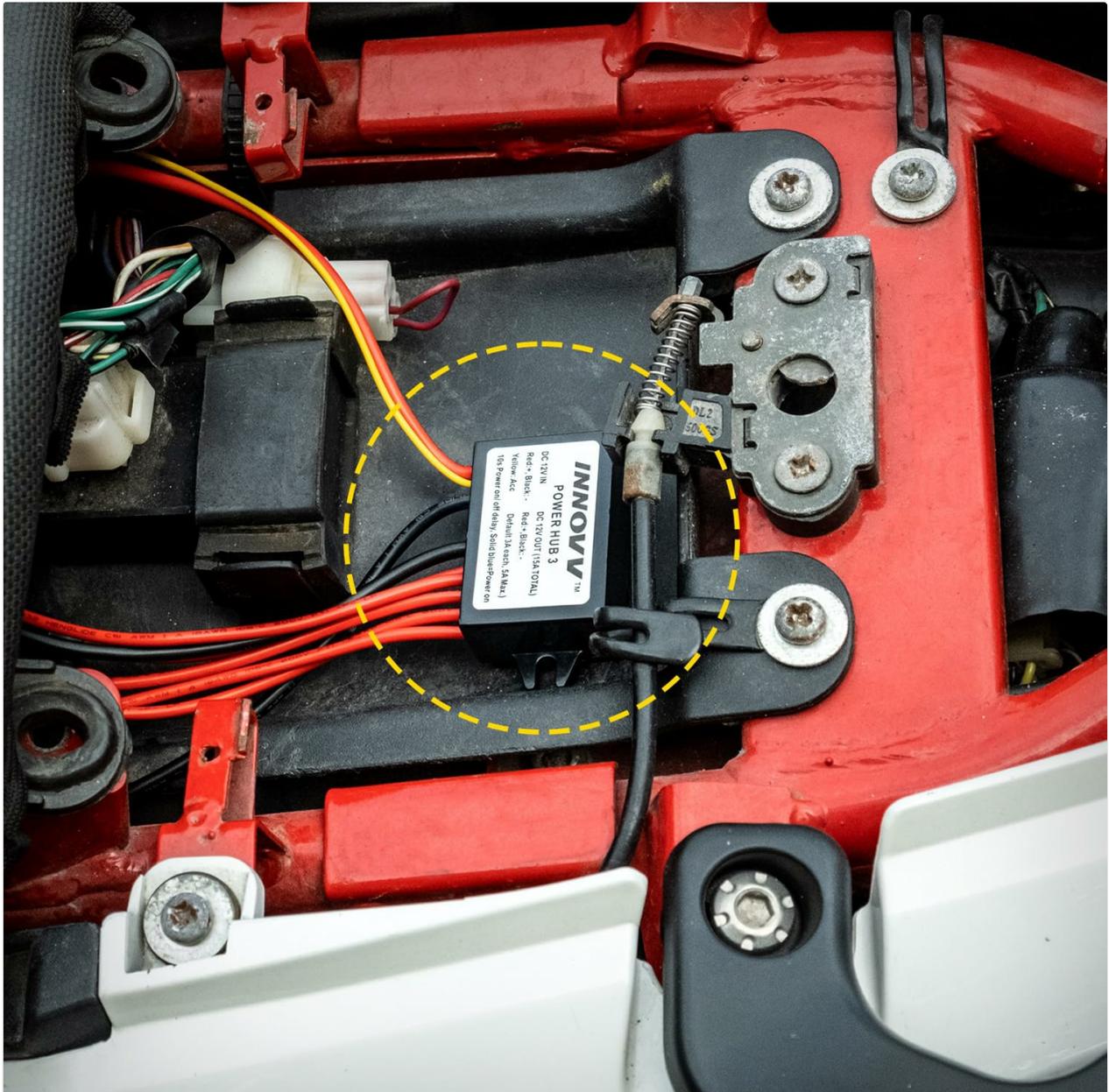


Image: The compact INNOVV Power Hub 3 unit installed discreetly under a motorcycle seat, demonstrating its small footprint.



Image: A close-up view of the installed Power Hub 3, showing the blue LED indicator light, signifying active power.

## 6. OPERATING INSTRUCTIONS

The INNOVV Power Hub 3 operates automatically once properly installed.

- **Power On:** When the motorcycle's ignition is turned on, the Power Hub 3 will detect the 12V signal from the ACC wire. After a 10-second delay, it will activate power to all connected accessories. The blue LED on the unit will illuminate.
- **Power Off:** When the motorcycle's ignition is turned off, the Power Hub 3 will detect the loss of signal from the ACC wire. After a 10-second delay, it will cut power to all connected accessories. The blue LED will turn off.
- **Fuse Protection:** Each output channel is protected by a 3A fuse. If an accessory draws too much current or experiences a short circuit, the corresponding fuse will blow, protecting the Power Hub 3 and other connected devices.

## 6.1 Fuse Replacement

If an accessory stops receiving power, check its fuse on the Power Hub 3. To replace a blown fuse:

1. Identify the blown fuse (the wire inside will be broken).
2. Carefully pull out the old fuse from its holder.
3. Insert a new 3A automotive blade fuse into the holder. Ensure it is securely seated.
4. Test the accessory. If the fuse blows again immediately, there may be a short circuit in the accessory or its wiring, which needs to be addressed before further use.

## 7. MAINTENANCE

The INNOVV Power Hub 3 is designed for minimal maintenance. However, periodic checks can ensure its longevity and reliable performance.

- **Visual Inspection:** Periodically inspect the unit and all wiring connections for any signs of wear, corrosion, or damage. Ensure all connections remain tight.
- **Cleanliness:** Keep the unit free from dirt, dust, and moisture. Wipe with a dry, soft cloth if necessary. Do not use harsh chemicals or abrasive cleaners.
- **Fuse Check:** If an accessory malfunctions, check the corresponding fuse as described in the Operating Instructions.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power Hub 3 does not turn on (no blue LED)	<ul style="list-style-type: none"><li>• Loose or incorrect battery connections.</li><li>• Loose or incorrect ACC wire connection.</li><li>• Motorcycle battery is dead or low.</li></ul>	<ul style="list-style-type: none"><li>• Check and secure all input wire connections (Red, Black, Yellow).</li><li>• Ensure the ACC wire is connected to a true switched 12V source.</li><li>• Charge or replace motorcycle battery.</li></ul>
One accessory does not receive power	<ul style="list-style-type: none"><li>• Blown fuse for that specific output channel.</li><li>• Loose connection to the accessory.</li><li>• Faulty accessory.</li></ul>	<ul style="list-style-type: none"><li>• Replace the blown fuse (refer to Section 6.1).</li><li>• Check and secure the accessory's wiring connections to the Power Hub 3.</li><li>• Test the accessory by connecting it directly to a 12V source (if safe to do so) to confirm it is working.</li></ul>

All accessories turn on/off immediately without delay	ACC wire is not connected to a switched ignition source, but directly to constant 12V.	Ensure the Yellow (ACC) wire is connected to a circuit that only receives power when the ignition is on.
Blue LED is solid, but no accessories work	<ul style="list-style-type: none"> <li>All output fuses are blown.</li> <li>Main power input issue (less likely if LED is on).</li> </ul>	<ul style="list-style-type: none"> <li>Check and replace all output fuses. Investigate why they all blew (e.g., total current draw exceeded 15A).</li> <li>Verify the main power connections to the battery.</li> </ul>

## 9. WARRANTY INFORMATION

INNOVV products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official INNOVV website. Typically, INNOVV offers a limited warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims.

## 10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or general inquiries, please contact INNOVV customer support:

- **Website:** [www.innovv.com](http://www.innovv.com)
- **Email:** Refer to the contact section on the official website for the most current email address.
- **Address:** Refer to the official website for company address details.

When contacting support, please have your product model number (INNOVV PH3) and purchase information ready.

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