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> DATOUBOSS WiFi Module for 48V/24V Hybrid Inverter - Instruction Manual

DATOUBOSS 729604745444

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Model: 729604745444 | Brand: DATOUBOSS

1. INTRODUCTION

The DATOUBOSS WiFi Module is designed for seamless integration with 48V/24V hybrid inverters, enabling remote monitoring of energy generation. This module facilitates data interaction and control of your inverter system via a WiFi connection, providing convenience and enhanced system management.



Image: The DATOUBOSS WiFi Module, a compact device designed for connecting hybrid inverters to a wireless network for remote monitoring.

2. SETUP AND INSTALLATION

Follow these steps to properly set up and install your DATOUBOSS WiFi Module with a compatible hybrid inverter.

1. **Unboxing:** Carefully open the packaging and ensure all components are present. Refer to the inverter's manual for specific unboxing instructions if the module is part of a larger kit.
2. **Inverter Preparation:** Ensure your hybrid inverter is powered off and disconnected from all power sources (AC, DC, and battery) before proceeding with the installation of the WiFi module.
3. **Module Connection:** Locate the WiFi communication/RS-232 port on your hybrid inverter. Insert the DATOUBOSS WiFi Module firmly into this designated port. Ensure a secure connection.
4. **Power On:** Once the WiFi module is securely connected, you may power on your hybrid inverter according to its operational guidelines.
5. **Initial Configuration:** Refer to the inverter's LCD display and function buttons for initial network configuration. This typically involves accessing the settings menu to connect to your local 2.4 GHz WiFi network.



Image: Illustration showing the connection of a WiFi module to an inverter, highlighting the communication port.

Setup Video Reference:

Your browser does not support the video tag.

Video: This video demonstrates the features and connection points of a compatible hybrid solar inverter, including the WiFi communication port. It provides a visual guide to understanding the inverter's physical layout relevant to WiFi module installation.

3. OPERATING INSTRUCTIONS

Once the WiFi module is installed and connected to your network, you can begin monitoring and interacting with your inverter system.

- **LCD Display:** The inverter's LCD display provides real-time information on energy generation, battery status, and system operation. Use the function buttons (up, down, enter, escape) to navigate through the menus and view various parameters.
- **Remote Monitoring:** Utilize the dedicated mobile application or web interface (if provided by DATOUBOSS or the inverter manufacturer) to remotely monitor your inverter's performance, energy output, and battery charge status.
- **Data Interaction:** The WiFi module enables data interaction, allowing you to receive alerts, view historical data, and potentially adjust certain inverter settings remotely, depending on the application's features.
- **Battery Voltage Settings:** For lithium batteries, specific voltage settings are crucial. These can typically be configured via the inverter's LCD interface. Ensure these settings match your battery's specifications to prevent damage and optimize performance.

Battery Setting Video Reference:

Your browser does not support the video tag.

Video: This video demonstrates how to set lithium battery parameters (charging protection voltage, float charge voltage, discharge protection voltage) on a compatible inverter's LCD display. These settings are critical for battery health and system efficiency.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your WiFi module and inverter system.

- **Keep Clean:** Ensure the WiFi module and inverter are free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.
- **Check Connections:** Periodically inspect all connections, including the WiFi module's connection to the inverter, for tightness and signs of wear.
- **Software Updates:** Check for firmware updates for both the WiFi module and the inverter, as these can improve performance and add new features. Follow the manufacturer's instructions for any updates.
- **Environmental Conditions:** Ensure the module and inverter are operated within their specified environmental conditions (temperature, humidity) to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your DATOUBOSS WiFi Module, consider the following troubleshooting steps:

- **No Connection:**

- Verify the WiFi module is securely inserted into the inverter's communication port.
- Check if your local WiFi network is operational and within range.
- Ensure the inverter's WiFi settings are correctly configured for your network (SSID, password).
- Restart both the inverter and your WiFi router.

- **Incorrect Data/Readings:**

- Confirm that the inverter's internal settings (e.g., battery type, voltage parameters) are correctly configured. Refer to the "Lithium battery voltage setting" video for guidance if using lithium batteries.
- Ensure the monitoring application is up-to-date.

- **Module Not Responding:**

- Power cycle the inverter (turn off, wait a few minutes, then turn on).
- If the issue persists, contact DATOUBOSS customer support.

6. SPECIFICATIONS

DATOUBOSS WiFi Module (for Inverter Model 729604745444)

Feature	Detail
Brand	DATOUBOSS
Model Number	729604745444
Compatibility	48V/24V Hybrid Inverters
Function	Remote monitoring of energy generation, data interaction
Connectivity	WiFi (2.4 GHz) / RS-232 port
Power Source (Inverter)	Solar-powered and battery-powered
Recommended Uses (Inverter)	Domestic, Vehicles

Note: Specifications are based on the associated hybrid inverter model 729604745444.

7. WARRANTY AND SUPPORT

DATOUBOSS is committed to providing reliable products and customer satisfaction.

- **Warranty:** This product typically comes with a 24-month warranty. Please retain your proof of purchase for warranty claims.
- **Returns:** A 30-day unconditional return guarantee is generally offered.
- **Customer Support:** For technical assistance, troubleshooting, or warranty inquiries, please contact DATOUBOSS customer support. Support is available 7x24 hours.
- **Online Resources:** Visit the official DATOUBOSS store on Amazon for additional product information and

support resources: [DATOUBOSS Store](#)

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