Olivance PowerLink Gateway OPLG-3000 Quick Installation Guide

Installation Guide for Olivance Gateway:

1. **Activate SMA Inverter Modbus Interface:**

   Enable the SMA Inverter Modbus Interface, which is initially deactivated.

2. **Power Connection:**

   Connect the Olivance Gateway to a 12V 1A DC power supply.

3. **DRM Connection:**

   Connect the RJ45 DRM port on the Olivance device to the RJ45 DRM port on the Signal Generating Device (GSD).

4. **Web Interface Configuration:**
   - Use your laptop or smart device to connect to the Olivance Wi-Fi Network with the following credentials:
     - SSID: Olivance-AP
     - Password: 11223344
   - Access the Settings Page:
     - Open your web browser and enter http://169.254.12.1 in the address bar.
   - Connection Topology:
     Choose the appropriate connection type:
     A. Ethernet: Direct connection to the inverter or hub using an ethernet cable.
     B. Wi-Fi Client: Connect to the inverter's Wi-Fi or the network router's Wi-Fi.
   - Modify Settings (if necessary):
     - Upon accessing, you'll be directed to the settings page. Adjust configurations as needed.
   - Update and Refresh:
     - Click on the "Update" button and patiently wait for the web page to refresh.
   - Verify Entered Settings:
     - Double-check the accuracy of the entered settings to ensure proper configuration.
   - Save and Restart:
     - Complete the process by clicking "Save & Restart" to apply changes and initiate a device reboot.

5. **To reconfigure the settings**
   - Unscrew the device cover to access the reset button.
   - Press and hold the reset button, the status LED will turn off.
   - After 5 seconds the LED will blink 4 times.
   - Release the button and wait for 30 seconds.
   - The device will now restart in Wi-Fi AP mode and Olivance-AP Wi-Fi will appear. The SSID and password will reset to their default values.
   - After connecting to Olivance-AP Wi-Fi repeat step 4.

Reference User Installation Manual:

For detailed instructions, refer to the user installation manual available on www.olivance.com

This concise guide outlines the essential steps for installing and configuring the Olivance Gateway for optimal performance.

Generation Signalling Device (GSD)

DC Input Voltage: 5-12 / 1A
Recommended Voltage: 12V

WiFi
Or Ethernet