



Professional Solar Hybrid Switch: Wifi Smart Home Switch Quick Setup Guide

1. Installation:

- Connect the supplied 12V power supply. This is what supplies power for the smart switch since the internal relays are rated for up to 500V. 12V Power supply notes:
 1. Other 12V power supplies or extensions can be used if needed – the connector used is a standard 1.5mm x 2.5mm.
 2. If another power supply is used, care should be taken to make the connection waterproof/weatherproof.
- Connect your solar panel to the 'Solar Panel Input' terminal.
- Connect your grid-tied microinverter to the 'Grid Tie Microinverter' output.
- Connect your off-grid solar generator to the 'Off-Grid Solar Generator' output.

2. Configuration:

- The default setting routes power to the off-grid solar generator (normally closed circuit).
- Download and install the Shelly app on your smartphone or connect via your Home Assistant setup.

3. Connect to WiFi:

- Open the Shelly app and follow the instructions to connect your device to your home WiFi network.
- Ensure your mobile device is connected to the same WiFi network during setup.

4. Operation:

- Use the Shelly app or your Home Assistant to control the switch.
- Default Mode: The device will power the off-grid solar generator when WiFi is unavailable, assuming power outage.
- To switch power to your grid-tie microinverter, turn the Shelly 'on' using the app.
- Automations relating to your home's powerwall, battery backup, etc can be made with Shelly integrations such as Home Assistant or Amazon Alexa.

5. Safety and Compliance:

- Check with your utility provider to ensure that redirecting power does not violate your grid-tie agreement.
- This device is plug-and-play but ensure proper wiring to avoid affecting your solar system's operation.

Specifications:

- Maximum Voltage: 500V DC
- Maximum Current: 10A
- Max Power: 5,000W
- Dimensions: 9-1/2"L x 4-3/4"W x 3"H
- Weight: 1.5 lbs

Troubleshooting:

- **No Power:** Ensure all connections are secure and the device is powered.
- **No WiFi Connection:** Check your router settings and ensure your smartphone is on the same network.

Note: For detailed device operation and troubleshooting (Including Wifi reset instructions), refer to the Shelly app documentation.

Contact Support: For further assistance, contact our support team at support@revopower.us.