



## **User Manual**

# **Wi-Fi Module and Monitoring App**

Version: 1.0

## Table of Contents

1.	Introduction .....	1
2.	Unpack and Overview .....	1
	2.1 Packing list .....	1
	2.2 Product overview .....	2
3.	Wi-Fi Module Installation .....	2
4.	App Installation .....	2

## 1. Introduction

Wi-Fi module can enable wireless communication between hybrid inverters and monitoring platform. Simply put this module connected to an inverter with communication cable and install APP from Google Play or Apple stores, it can not only monitor the inverters' operation status, but also set up parameters of the inverters through your mobile phone.

The major functions of this APP:

- Delivers device status during normal operation.
- Allows to configure device setting after installation.
- Notifies users when a warning or alarm occurs.
- Allows users to query inverter history data.



## 2. Unpack and Overview

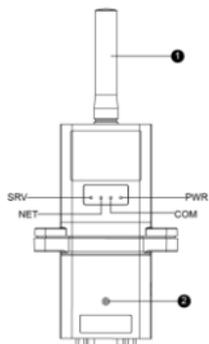
### 2.1 Packing list

Before installation, please inspect the unit. Be sure that nothing inside the package is damaged. You should have received the following items inside of package:

- Wi-Fi Module x 1
- User's Manual x 1



## 2.2 Product overview



1. Antenna
2. Inverter connection status LED  
OFF: Inverter does not power to Wi-Fi module.  
ON: Inverter powered to Wi-Fi module successfully.
3. PWR: To indicate if the power is on.  
COM: To indicate if communication between Wi-Fi module and Inverter is normal.  
NET: To indicate if Wi-Fi module is connected to router.  
SRV: To indicate if Wi-Fi module is connected to the internet.

## 3. Wi-Fi Module Installation

Please follow below steps to install Wi-Fi module:

**Step 1:** The module contains four strong magnets backing and can be easily placed on the side of the inverter.

**Step 2:** Please use one RJ45 to RS-232 communication cable to connect an inverter and Wi-Fi module as below chart.



## 4. App Installation

### 4.1 Introduction

Wi-Fi module can enable wireless communication between off-grid inverters and monitoring platform. Users have complete and remote monitoring and controlling experience for inverters when combining Wi-Fi module with WatchPower APP, available for both iOS and Android based device. All data loggers and parameters are saved in iCloud.

The major functions of this APP:

- Delivers device status during normal operation.
- Allows to configure device setting after installation.
- Notifies users when a warning or alarm occurs.
- Allows users to query inverter history data.



## 2. **WatchPower App**

You can find the User Manual for the WatchPower App under following link:

<https://alpha-outback-energy.com/download/241/spc-series/7208/watchpower-user-manual-en.pdf?preview=1>

## 3. **Energy-Mate APP**

You can find the User Manual for the Energy-Mate APP under following link:

<https://alpha-outback-energy.com/download/241/spc-series/7203/energy-mate-app-user-manualen.pdf?preview=1>



## Worldwide Corporate Offices

### Headquarter Germany

Hansastraße 8  
D-91126 Schwabach  
Tel: +49 9122 79889 0

Mail: [info@alpha-outback-energy.com](mailto:info@alpha-outback-energy.com)

### Eastern Europe

[ee@alpha-outback-energy.com](mailto:ee@alpha-outback-energy.com)

### Middle East

[me@alpha-outback-energy.com](mailto:me@alpha-outback-energy.com)

### France and Benelux

[fbnl@alpha-outback-energy.com](mailto:fbnl@alpha-outback-energy.com)

### Spain

[spain@alpha-outback-energy.com](mailto:spain@alpha-outback-energy.com)

### Africa

[africa@alpha-outback-energy.com](mailto:africa@alpha-outback-energy.com)

Alpha and Outback Energy GmbH reserves the right to make changes to the products and information contained in this document without notice. Copyright © 2020 Alpha and Outback Energy GmbH. All Rights reserved.

For more information please visit [www.alpha-outback-energy.com](http://www.alpha-outback-energy.com)