TURBO ENERGY
SOLAR INNOVATION

QUICK INSTALLATION GUIDE

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LITHIUM SERIES 48V 5.1 kWh Slim

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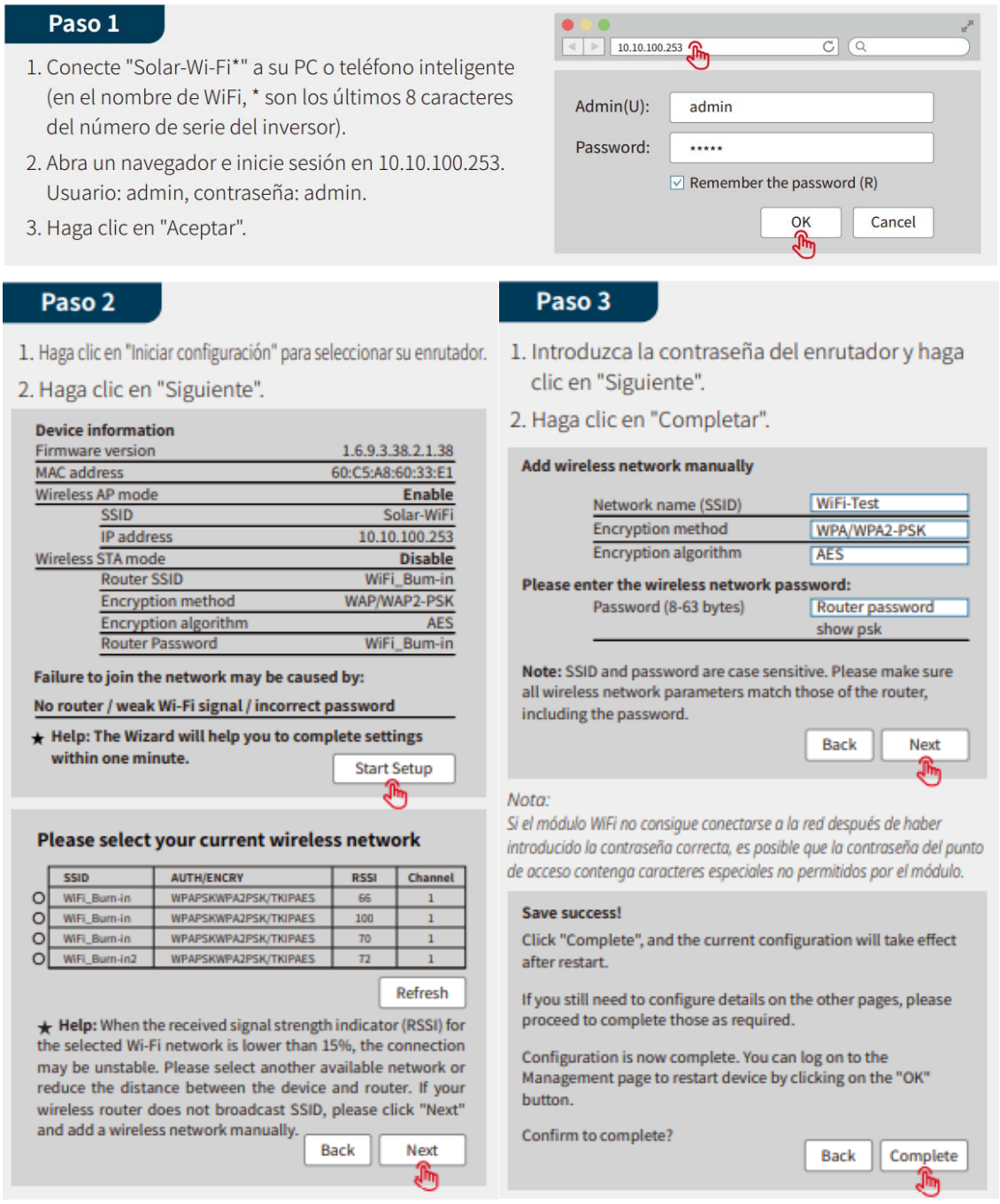
INVERSOR GOODWE

1. INVERTER GOODWE configuration

First, the inverter must be configured properly. For this, a correct Wi-Fi connection must be made between the electronic device and the inverter, as well as a correct configuration through the PV Master application.

1.1. Wifi connection

To make a correct Wi-Fi connection, follow these steps:



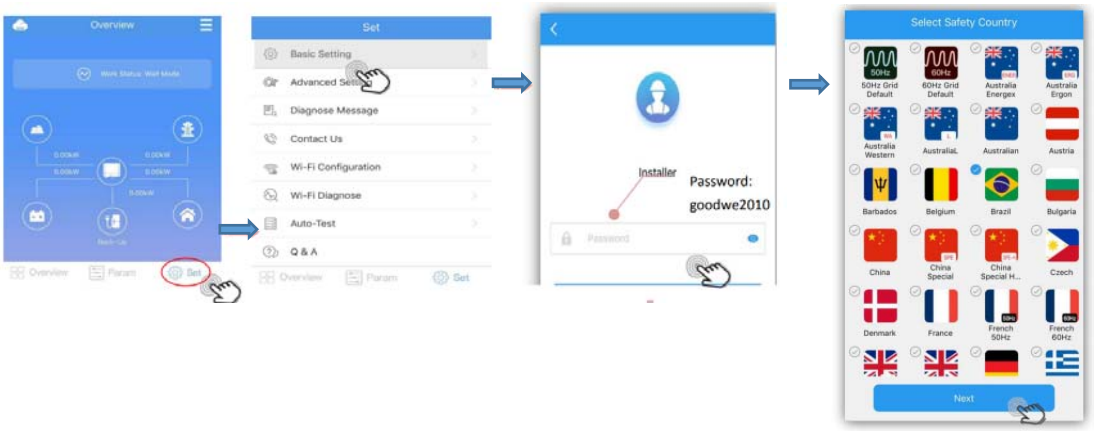
Note: This connection can also be made from the PV Master app.

PV Master configuration

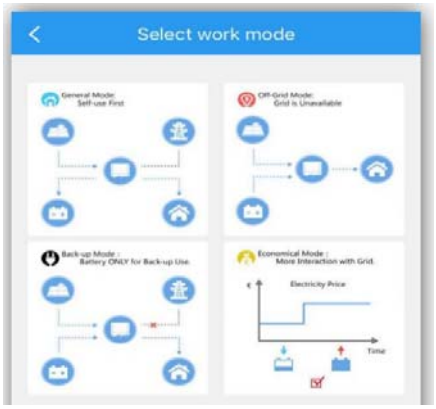
PV Master is an external monitoring / configuration application for hybrid inverters. It can be downloaded directly from the Play Store or App Store and works with both Android and iOS systems.

Once it has been successfully connected to the inverter's Wi-Fi network, the application must be configured according to the batteries to be connected.

First it is necessary to select the country where the device is located. To do this, you need to enter the basic configuration tab and select the option shown in the following images:



Next, you need to select the working mode to be used. You must choose one of the four options that appear:



1- General Mode

2- Off-Grid Mode

3- Back-Up Mode

4- Economical Mode

Finally, the type of battery to be used must be selected. For this, the following option must be selected regardless of whether it is going to work with one or more batteries.

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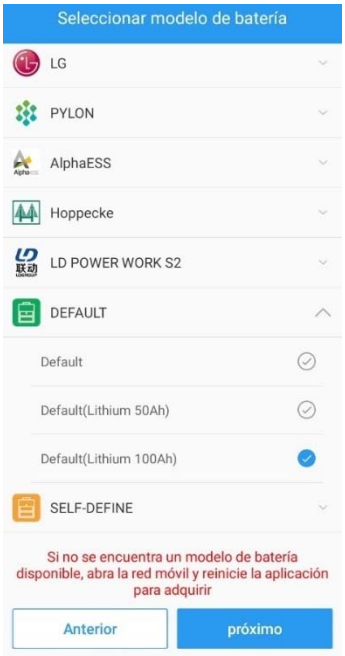
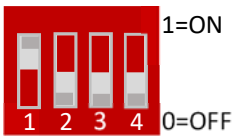


BATTERY LITHIUM SERIES 48V 5.1 kWh Slim configuration

Each module has 4 DIP (Dual Inline Package) switches that will be configured differently depending on the number of batteries to be connected



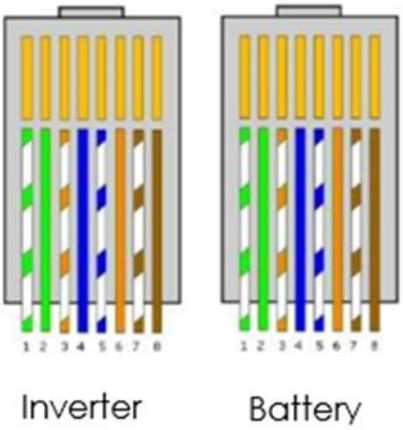
They are configured according to the binary code, starting with the master.

Address	**Dial switch position**				**Explain**
	#1	#2	#3	#4	
1	ON	OFF	OFF	OFF	Pack1/Master
2	OFF	ON	OFF	OFF	Pack2
3	ON	ON	OFF	OFF	Pack3
4	OFF	OFF	ON	OFF	Pack4
5	ON	OFF	ON	OFF	Pack5
6	OFF	ON	ON	OFF	Pack6
7	ON	ON	ON	OFF	Pack7
8	OFF	OFF	OFF	ON	Pack8
9	ON	OFF	OFF	ON	Pack9
10	OFF	ON	OFF	ON	Pack10
11	ON	ON	OFF	ON	Pack11
12	OFF	OFF	ON	ON	Pack12
13	ON	OFF	ON	ON	Pack13
14	OFF	ON	ON	ON	Pack14
15	ON	ON	ON	ON	Pack15

2. Wiring configuration

The cable necessary to make the connection is the **RJ45**. It is a special cable that is made up of 8 smaller cables each with a different color configuration.

Se deberá utilizar un cable pin a pin estándar con conector RJ45



For the connection between the inverter and battery, the RJ45 cable will be connected to the CAN-1 port in the battery.