

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:

Paso 1

1. Conecte "Solar-Wi-Fi*" a su PC o teléfono inteligente (en el nombre de WiFi, * son los últimos 8 caracteres del número de serie del inversor).
2. Abra un navegador e inicie sesión en 10.10.100.253. Usuario: admin, contraseña: admin.
3. Haga clic en "Aceptar".

Paso 2

1. Haga clic en "Iniciar configuración" para seleccionar su enrutador.
2. Haga clic en "Siguiente".

Device information

Firmware version	1.6.9.3.38.2.1.38
MAC address	60:C5:A8:60:33:E1
Wireless AP mode	Enable
SSID	Solar-WiFi
IP address	10.10.100.253
Wireless STA mode	Disable
Router SSID	WiFi_Bum-in
Encryption method	WAP/WAP2-PSK
Encryption algorithm	AES
Router Password	WiFi_Bum-in

Failure to join the network may be caused by:
No router / weak Wi-Fi signal / incorrect password

★ **Help:** The Wizard will help you to complete settings within one minute.

Please select your current wireless network

SSID	AUTH/ENCRYPY	RSSI	Channel
<input type="radio"/> WiFi_Bum-in	WPAPSKWPA2PSK/TKIPAES	66	1
<input type="radio"/> WiFi_Bum-in	WPAPSKWPA2PSK/TKIPAES	100	1
<input type="radio"/> WiFi_Bum-in	WPAPSKWPA2PSK/TKIPAES	70	1
<input type="radio"/> WiFi_Bum-in2	WPAPSKWPA2PSK/TKIPAES	72	1

★ **Help:** When the received signal strength indicator (RSSI) for the selected Wi-Fi network is lower than 15%, the connection may be unstable. Please select another available network or reduce the distance between the device and router. If your wireless router does not broadcast SSID, please click "Next" and add a wireless network manually.

Paso 3

1. Introduzca la contraseña del enrutador y haga clic en "Siguiente".
2. Haga clic en "Completar".

Add wireless network manually

Network name (SSID)	WiFi-Test
Encryption method	WPA/WPA2-PSK
Encryption algorithm	AES

Please enter the wireless network password:

Password (8-63 bytes)	Router password
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show psk

Note: SSID and password are case sensitive. Please make sure all wireless network parameters match those of the router, including the password.

Save success!

Click "Complete", and the current configuration will take effect after restart.

If you still need to configure details on the other pages, please proceed to complete those as required.

Configuration is now complete. You can log on to the Management page to restart device by clicking on the "OK" button.

Confirm to complete?

Nota: Si el módulo WiFi no consigue conectarse a la red después de haber introducido la contraseña correcta, es posible que la contraseña del punto de acceso contenga caracteres especiales no permitidos por el módulo.

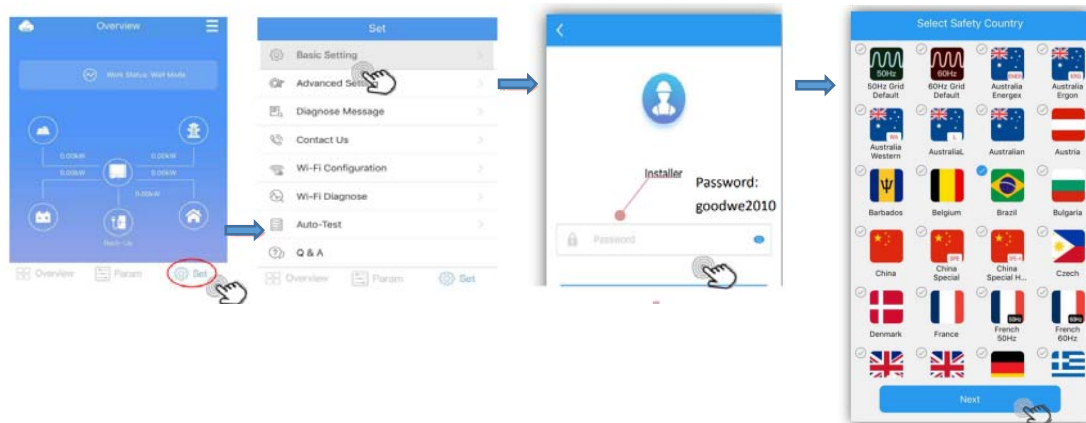
Note: This connection can also be made from the PV Master app.

PV Master configuration

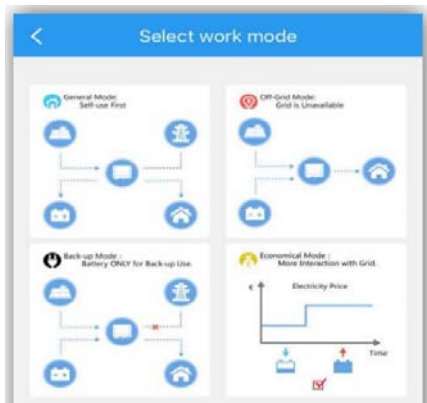
PV Master is an external monitoring / configuration application for hybrid inverters. It can be downloaded directly from the Play Store or App Store and works with both Android and iOS systems.

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:

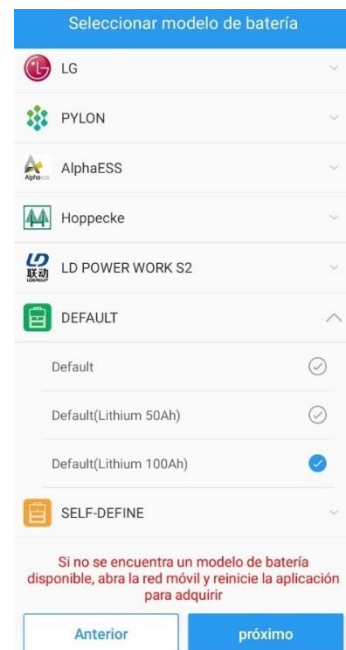


Next, you need to select the working mode to be used. You must choose one of the four options that appear:



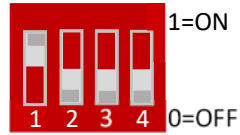
- 1- General Mode
- 2- Off-Grid Mode
- 3- Back-Up Mode
- 4- Economical Mode

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.



BATTERY LITHIUM SERIES 48V 5.1 kWh Slim configuration

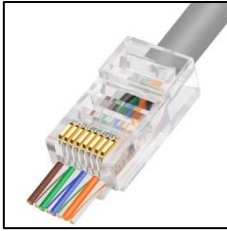
Each module has 4 DIP (Dual Inline Package) switches that will be configured differently depending on the number of batteries to be connected



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

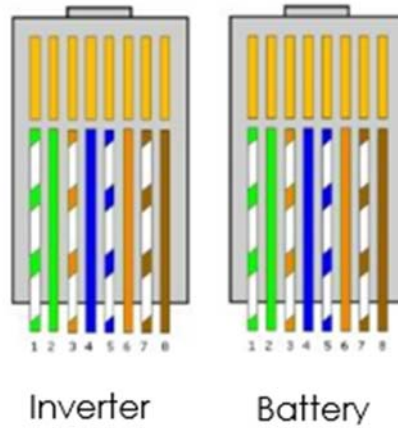
Address	Dial switch position				Explain
	#1	#2	#3	#4	
1	ON	OFF	OFF	OFF	Pack1/Master
2	OFF	ON	OFF	OFF	Pack2
3	ON	ON	OFF	OFF	Pack3
4	OFF	OFF	ON	OFF	Pack4
5	ON	OFF	ON	OFF	Pack5
6	OFF	ON	ON	OFF	Pack6
7	ON	ON	ON	OFF	Pack7
8	OFF	OFF	OFF	ON	Pack8
9	ON	OFF	OFF	ON	Pack9
10	OFF	ON	OFF	ON	Pack10
11	ON	ON	OFF	ON	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.