

# EG4® 18kPV DONGLE

## RECOVERY GUIDE



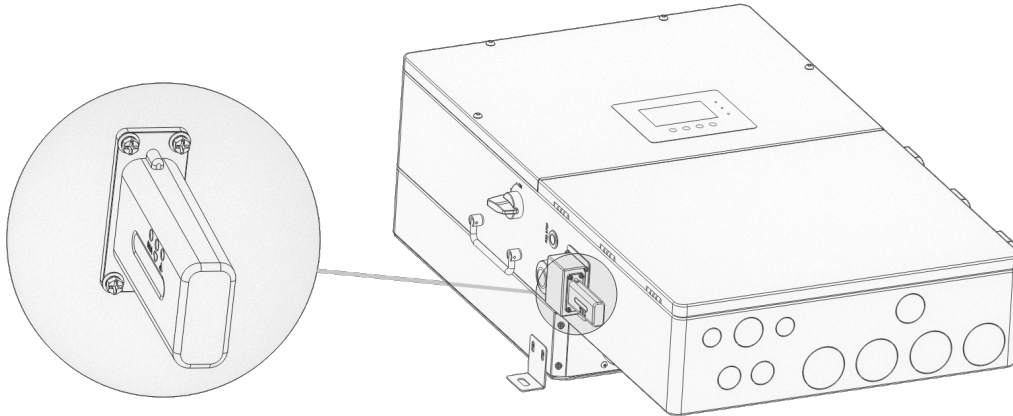
## 1. RECOVERY STEPS

This guide will detail the steps needed to recover Wi-Fi dongles with serial numbers starting with the letters “**BA**” after being reset to factory settings.

Please read the guide in its entirety before performing the steps listed below.

### Step 1

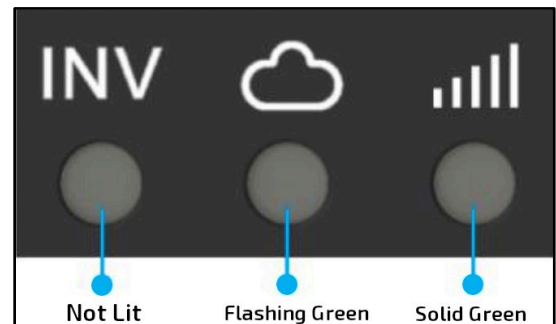
Connect the dongle to the inverter's Wi-Fi dongle port as shown below. The EG4® 18kPV is shown in the example.



### Step 2

After ~30 seconds, the dongle's LED status will be as such;

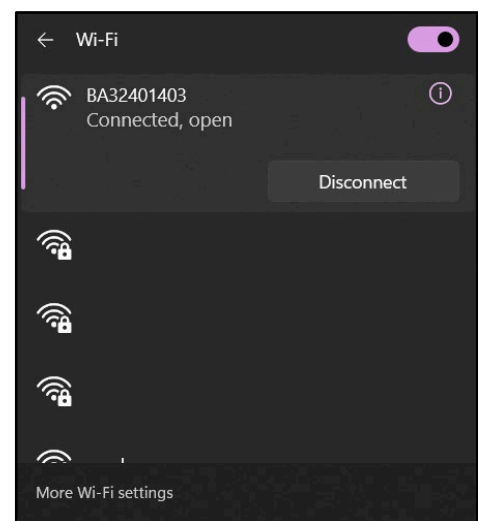
- Inverter LED “Off”
- Network LED “Blinking”
- Module LED “ON”



### Step 3

Connect the mobile device/PC to the dongle's network. The network name will match the serial number (SN) on the outer shell of the dongle. If unable to locate the network named after the SN, check for a network named, “MXCHIP-xxxxxxx”.

**Write this number down for step 6.**



## Step 4

Enter **10.10.10.1** into the browser address bar. Both the username and the password are **admin**. After logging in, select the language on the right side.

10.10.10.1

Sign in to access this site

Authorization required by http://10.10.10.1  
Your connection to this site is not secure

Username: admin

Password: .....

Sign in Cancel

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运行状态

模式选择

无线接入点设置

无线终端设置

串口设置

网络设置

模块管理

AP状态

功能: Enable

IP地址: 10.10.10.1

子网掩码: 255.255.255.0

STA状态

功能: Enable

信道: 0

信号强度: 0

IP地址:

子网掩码:

网关地址:

命令模式状态

功能: Disable

网络连接1状态

功能: Enable

协议: TCP client

TCP 客户端是否连接: Disconnected

网络连接2状态

## Step 5

Select the “Wifi Mode Select” option on the left-hand side of the screen. From here, select “AP and Station” and save.

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Run State

Wifi Mode Select

AP Mode Setting

Station Mode Setting

Uart Setting

Network Setting

Moduel Management

Wifi Mode Select

☐ AP Mode

☐ Station Mode

☒ AP and Station

save

## Step 6:

Next, select the “AP Mode Setting” on the left-hand side of the screen. Enter the dongle’s SSID and select “save”. The SSID will match the dongle’s SN or “MXCHIP-xxxxxx” as determined in step 3 above.

Not secure 10.10.10.1/index\_en.html

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Run State

Wifi Mode Select

AP Mode Setting

Station Mode Setting

Uart Setting

Network Setting

Moduel Management

Ap Parameter Setting

SSID: BA32401403

Encryption Mode: Disable

save

IP Address Setting

IP: 10.10.10.1

Netmask: 255.255.255.0

Gateway: 10.10.10.1

save

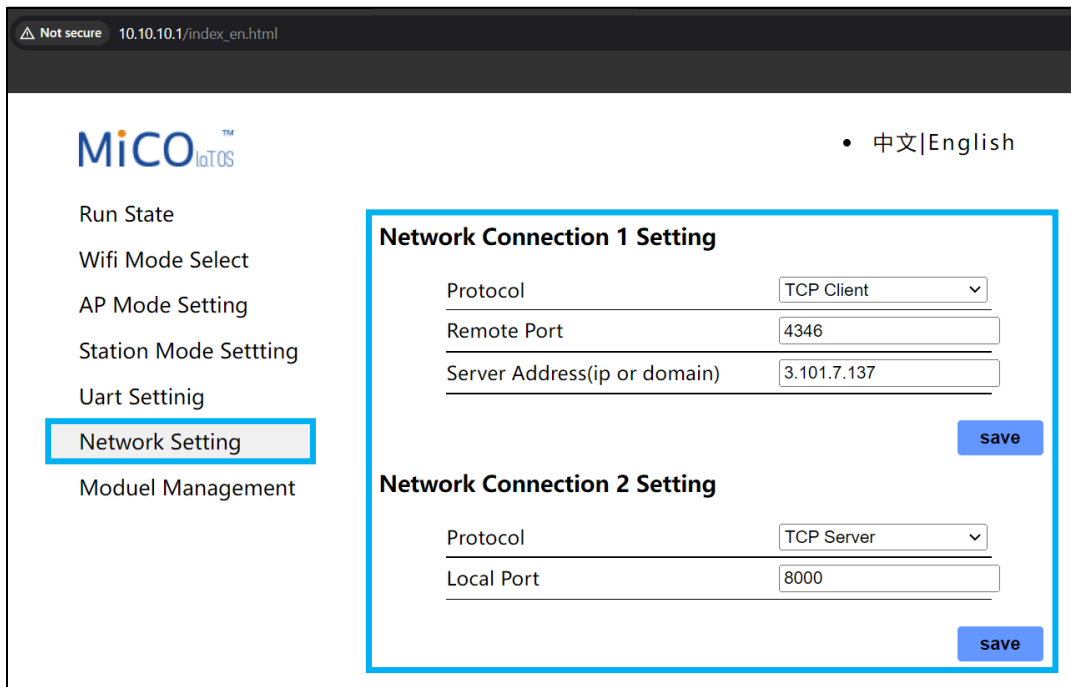
## Step 7

Navigate to the “Network Setting” page. Under “Network Connection 1 Setting”, enter the following data and save.

- Protocol: TCP Client
- Remote Port: 4346
- Server Address (IP or domain) 3.101.7.137

Under “Network Connection 2 Setting”, enter the following data and save. *See image below.*

- Protocol: TCP Server
- Local Port: 8000



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Run State  
Wifi Mode Select  
AP Mode Setting  
Station Mode Setting  
Uart Setting  
**Network Setting**  
Moduel Management

### Network Connection 1 Setting

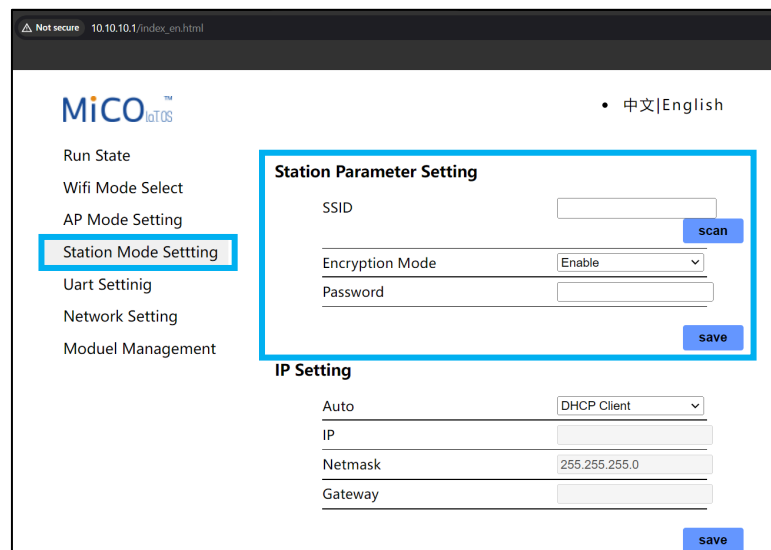
Protocol: TCP Client  
Remote Port: 4346  
Server Address(ip or domain): 3.101.7.137  
save

### Network Connection 2 Setting

Protocol: TCP Server  
Local Port: 8000  
save

## Step 8

Navigate to the “Station Mode Setting” page. Enter the home Wi-Fi SSID information. Ensure that “Encryption Mode” is set to “Enable”. Enter in the home Wi-Fi password and select “Save”. The user may also select “Scan” to scan for the home Wi-Fi network. *See image to the right.*



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Run State  
Wifi Mode Select  
AP Mode Setting  
**Station Mode Setting**  
Uart Setting  
Network Setting  
Moduel Management

### Station Parameter Setting

SSID:   
scan  
Encryption Mode: Enable  
Password:   
save

### IP Setting

Auto: DHCP Client  
IP:   
Netmask: 255.255.255.0  
Gateway:   
save

Once these steps have been completed, all 3 LEDs on the dongle will be “ON”.