Remote Monitoring Setup

Ethernet Dongle

A. Open the dongle enclosure and thread the ethernet cable through the hole and plug into the RJ45 port
B. Reassemble the dongle housing and plug dongle into Sol-Ark and secure with screws
    > If all is well, you will see solid red and green lights
C. Register the dongle via the app or www.mysol-ark.com

Wi-Fi (Via Cell Phone or computer)

A. Plug Wi-Fi dongle into Sol-Ark
B. Using your device look for an "EAP" network containing the last 5 digits of the dongle S/N
C. Password: 12345678
D. Follow the instructions in the upcoming pages

> **You can access PowerView on a computer with the following link:**
>
> # http://www.mysol-ark.com

Download PV Pro App

iPhone: (Will only show up as PV Pro)
https://apps.apple.com/lk/app/powerview-pro/id1247121391

Android
https://play.google.com/store/apps/details?id=com.elinter.app.powerview&hl=en_US&gl=US

Attention Installers

If you plan to add an install to your installer account for monitoring multiple installs, you must first make the plant under the **customer's** account.

Once created, the customer can share the plant, with **Manager permissions**, to the installer via the app ("…"under My Plants) or webpage (press the "…" next to the plant name in Power View).

PV Pro App Tutorial Video

PV Pro Website Tutorial Video

Create an Account and Sign In

After filling the form click "Create Account"

Add a Plant

Scan the QR code on the dongle while plugged in

Create Plant

SN	E##########
Key	###############

Plant Information

Plant Name*	TEST
Plant photos	📷 ›
Installed Capacity*	10 kWp
Operating Date*	2021-03-25 ›
Installer	Sol-Ark
Address*	5833 Curtis Rd Parker 📍
Time zone*	(UTC-6:00)Central Time (US & Cana… ›
Plant Type*	Energy Storage (DC coupling) ›

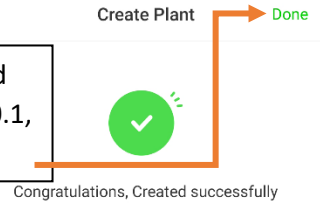**Income information**

Currency*	$ ›

On Plant Type, **ALWAYS** select Energy Storage (DC coupling).

Make sure to pick a unique plant name. (I.E."Last Name, First four of Address")
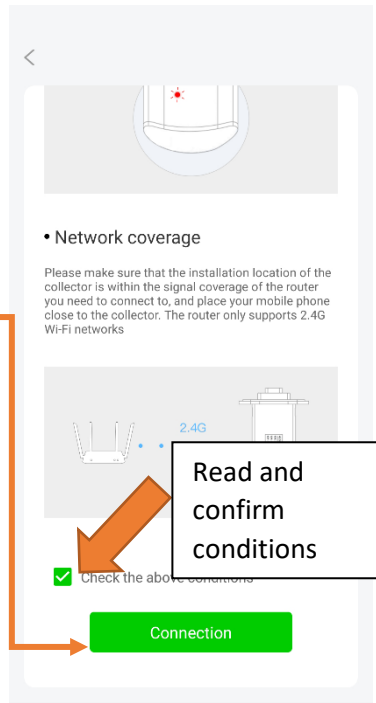
Connect the System to the Internet

If Wi-Fi paired with 10.10.10.1, select Done

Create Plant → Done

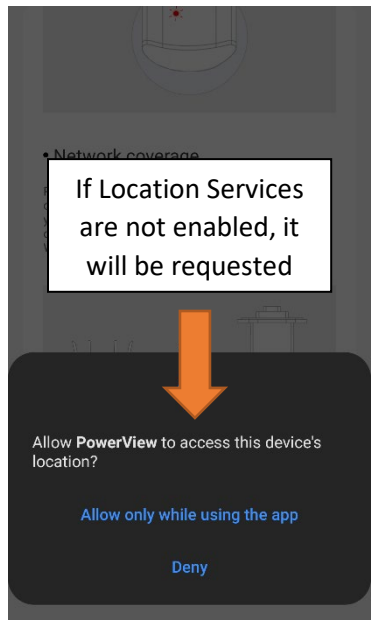Congratulations, Created successfully

DISTRIBUTION NETWORK

ⓘ You can click the confirm button in the upper right corner to complete the creation or to configure the network for the collector

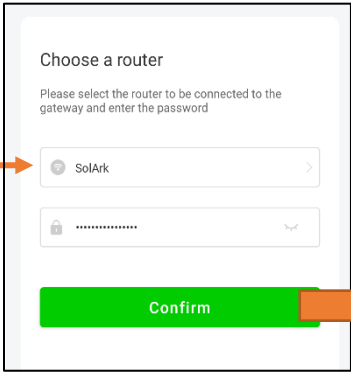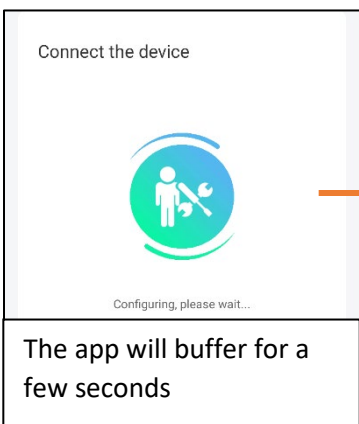**Select Distribution Network to pair Dongle with WIFI**

• Network coverage

Please make sure that the installation location of the collector is within the signal coverage of the router you need to connect to, and place your mobile phone close to the collector. The router only supports 2.4G Wi-Fi networks

2.4G

Read and confirm conditions

☑ Check the above conditions

Connection

If Location Services are not enabled, it will be requested

Allow **PowerView** to access this device's location?

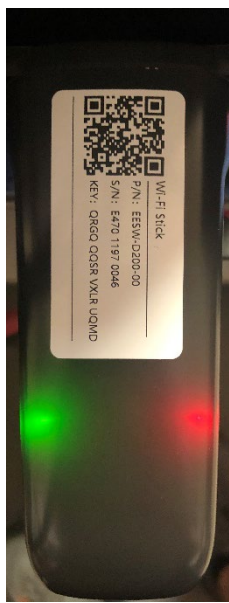**Allow only while using the app**

Deny

Once you see this screen, go to your **DEVICE'S** Wi-Fi settings and connect to the Wi-Fi network that starts with:

EAP-#####

Password: "12345678"
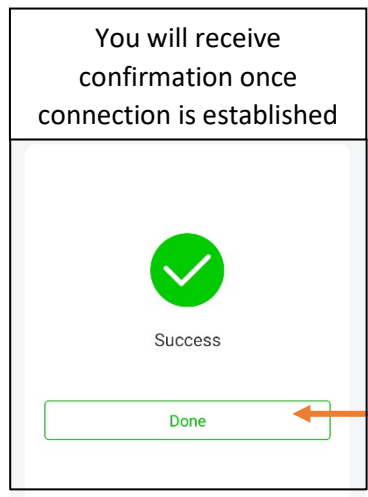
Return to app once connected

Choose a router

Please select the router to be connected to the gateway and enter the password

SolArk

••••••••••••

Confirm

Select the local Wi-Fi network that will be providing the internet connection to the system

Do NOT select the dongle's Wi-Fi network

Connect the device

Configuring, please wait...

The app will buffer for a few seconds

You will receive confirmation once connection is established

Success

Done

Wi-Fi Stick
P/N: EESW-D200-00
S/N: E4T0 1197 0046
KEY: QRGQ CGSR VXLR UQMD

It takes about 60sec for the lights to turn on after setup

Red LED: Connected to Sol-Ark and has power

Green LED: Connected to Internet and Server

Flashing Green LED: Connected to router but not server (usually a VPN or firewall issue)

Start Monitoring The Data

Select your plant

This screen is the real time view

Alarms

Graphed data

System info and programming

⚠ Attention

If you are installing **parallel** systems, **DO NOT** create a plant for each inverter.

Create one plant for the **Master** unit and then use the browser version of PowerView (mysol-ark.com).

Click on the "…" for the **MASTER's** plant and hit "Add Gateway" then put the S/N and Key of the **SLAVE's** dongle.
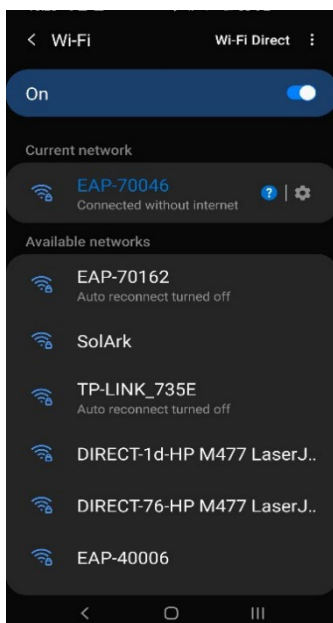
IP Address Setup Instructions (PC or Smart Phone)

Please Note that this method only achieves internet connectivity. For registration and account management please use the app and/or www.mysol-ark.com

Connect to the Dongle Network

A. Settings → Wi-Fi → Select the Network with EAP- ##### (The last 5 digits of your SN number)
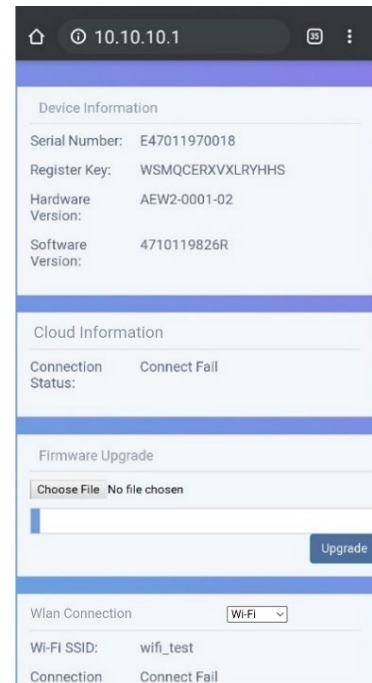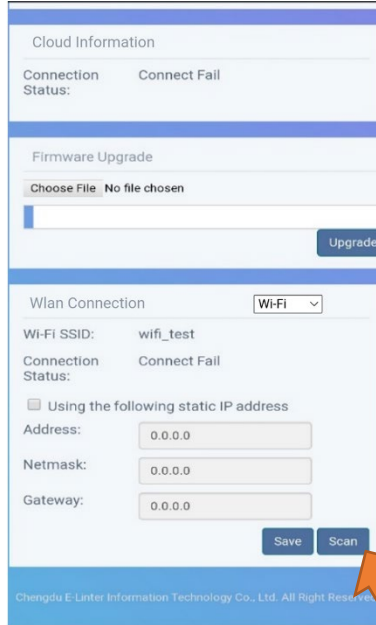

Password: 12345678

Disclaimer: The Wi-Fi dongle does not have internet; You still need to be connected to the dongle for this process.

Login to Web Portal using ANY Search Browser

A. Open Google or Safari → type in the

search bar: 10.10.10.1

B. Scroll Down to "Wi-Fi Connection"
C. Press "Scan" to search local networks

Select Your HOME Network

A. Find the home network
B. Enter personal Wi-Fi Password
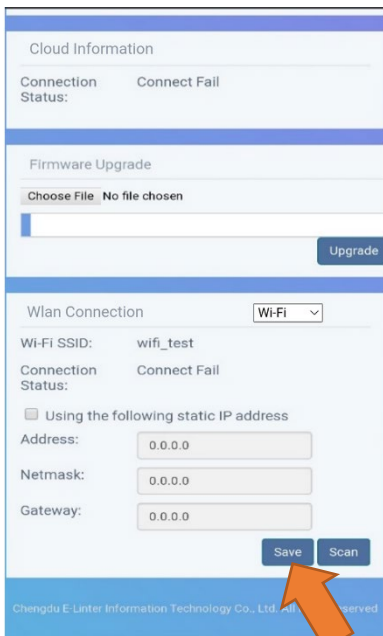C. DO NOT SELECT DONGLE NETWORK
D. Select "Connect"

Disclaimer
Connecting the dongle via the IP address only connects the dongle to the internet

YOU MUST STILL CREATE AN ACCOUNT VIA THE POWER VIEW APP

Save Your Information

If Successful you should see a Red and Green light on the Dongle showing a successful connection.

Red LED: Connected to Sol-Ark and has power.

Green LED: Connected to Internet and Server

Flashing Green LED: Connected to router but not server (usually a VPN or firewall issue)