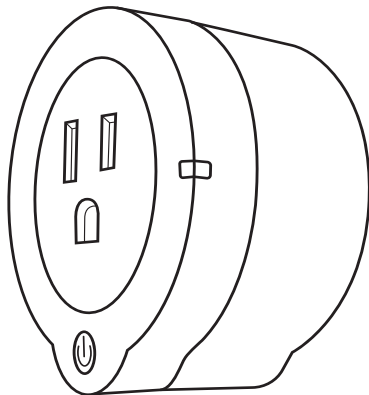




## **Voltson Smart Wi-Fi Outlet**

Model No.: ESW01-USA



## **Thank You.**

Thank you for purchasing the Voltson Smart Wi-Fi Outlet by Etekcity. We are dedicated to providing our customers with quality products for building a better living. Should you have any questions or concerns about using your new product, feel free to reach out to our helpful customer support team at (855) 686-3835 or by email at [support@etekcity.com](mailto:support@etekcity.com). We hope you enjoy your new product!

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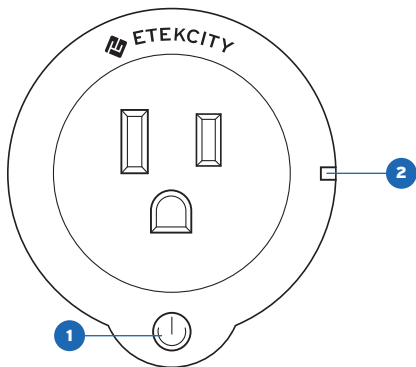
# Safety Information

**IMPORTANT:** Please read, understand, and comply with all of the instructions provided in this manual before using the device. Failure to comply with the instructions given in this manual and/or using the device in ways other than the ones mentioned in this manual may result in serious injury and/or damage to the product.

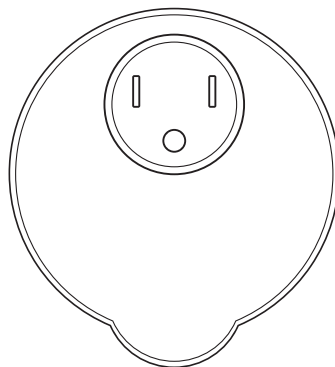
- **DO NOT** exceed the maximum load current of 8A (approximately 1000W). Always check the electrical power before use to avoid potential damage to the device.
  - **DO NOT** use for or near space heaters or air conditioning units.
  - Keep out of reach of children.
  - The outlet is for indoor use only. Avoid exposure to high-temperature sources, direct sunlight and moisture. The outlet is best used in areas with good air circulation.
  - To avoid short circuiting, keep the outlet out of direct/indirect contact with water and liquids.
  - **DO NOT** install the outlet in washrooms, restrooms, and any other damp environments.
- When cleaning, use a dry cloth to wipe the outlet's surface.
  - The VeSync home automation app is only compatible with Android 4.0 / iOS 7.0 operating systems and above.
  - The app does not support every phone/tablet. Only use Android 4.0 / iOS 7.0 or above.
  - The outlet does not support 2G/3G/4G networks for configuration.
  - Before configuration, make sure the wireless network is operating normally in order to avoid adverse effects on the product operation.

# Function Diagram

1. Power button
2. LED indicator



Front View



Back View

# Setup

1. Scan the QR code or download the VeSync App from the App Store or Google Play Store.



iOS

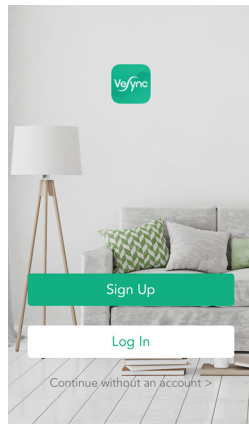


Android

*NOTE: For Android users, you must select "Allow" to use VeSync.*

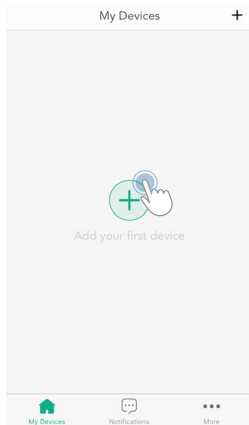
2. Open the VeSync App and tap "Sign Up" to create a new account. Enter a new email & password, then tap "Sign In."

**Note:** It is recommended create an account so that you can connect to Amazon Echo for voice control. You can also share the outlet with your friends and family to control.

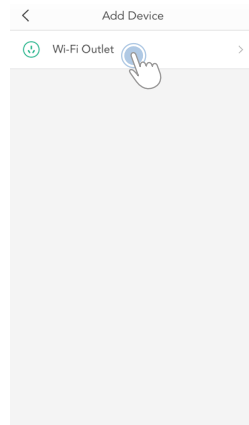


# Configuration

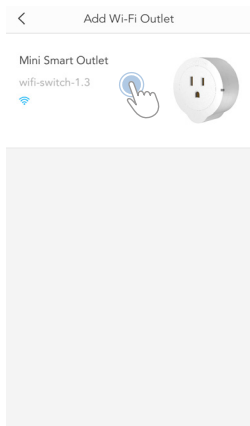
1. Tap the “+” button on the screen to add your device.



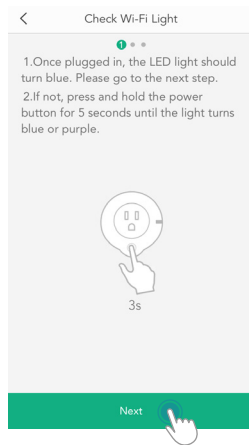
2. Select “Wi-Fi outlet.”



3. Select this model.



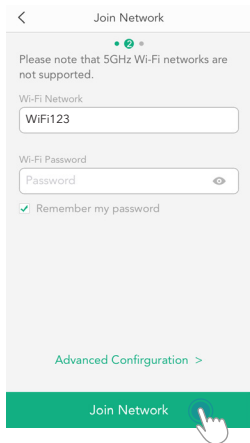
4. Plug your smart outlet into a powered electrical outlet or power strip. The LED indicator should light up blue.



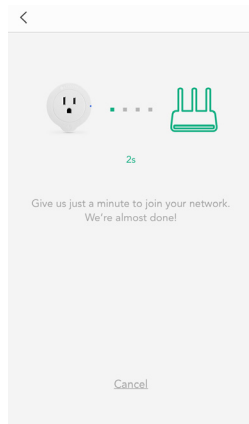
**Note:** A purple LED light means the yellow and blue lights are on at the same time. If your LED light is yellow or off, please refer to the Reconfiguration section on page 31.

5. Type in the name of your home Wi-Fi network and password, then tap **"Join Network."**

**Note:** This Wi-Fi outlet configuration only supports a 2.4GHz Wi-Fi network.

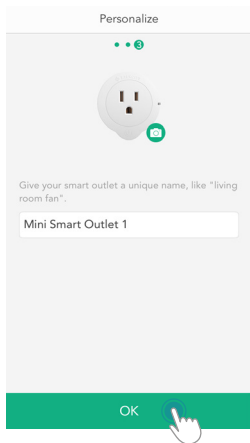


6. The system will take a moment to connect. If you tap **"Cancel"** you will be taken back to the setup screen.



7. Congratulations! You have completed setup. Give your outlet a unique name, or simply tap **"OK"** to use the default name.

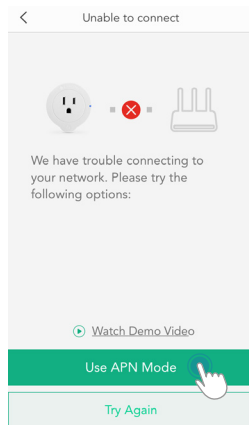
**Note:** You can change the device name and picture at any time in Device Setting.



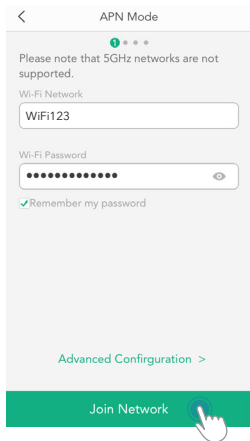
## APN Mode

If setup fails, you can use APN mode to configure your Wi-Fi outlet.

1. While on the configuration page, tap **"Use APN Mode."**

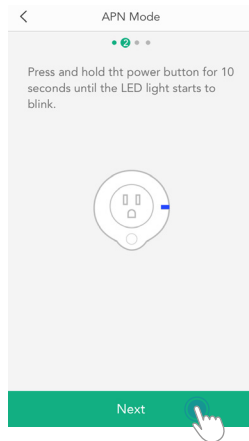


2. Enter your home Wi-Fi network name and password to start setup.

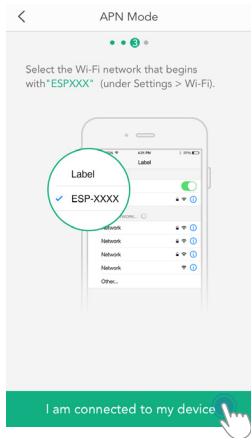


3. Press and hold the power button for 10 seconds until the LED light blinks blue or purple.

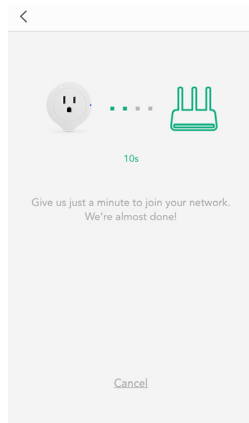
**Note:** If necessary, unplug the outlet, then plug it back in.



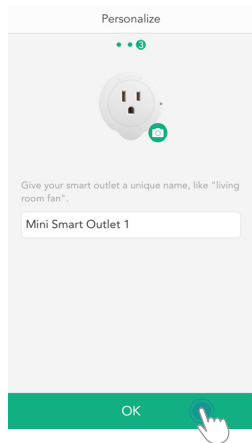
4. Go to the Settings on your mobile device, and select the Wi-Fi network that reads **"ESP-XXXX"** (Settings -> Wi-Fi)



5. The system will take a moment to connect. If you tap **"Cancel"** you will be taken back to the setup screen.



6. Congratulations! You have completed setup. Give your outlet a unique name, or simply tap **"OK"** to use the default name.

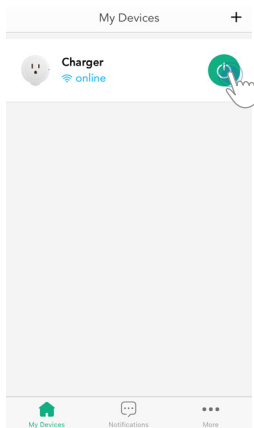


# Operation

## Turning Devices On/Off

### Method 1

On the **"My Devices"** screen, you can tap the power button to turn the device on/off.



**Note:** This on/off power button controls the power flow of the smart outlet. The outlet itself will remain connected to the internet.



Device is **Off**



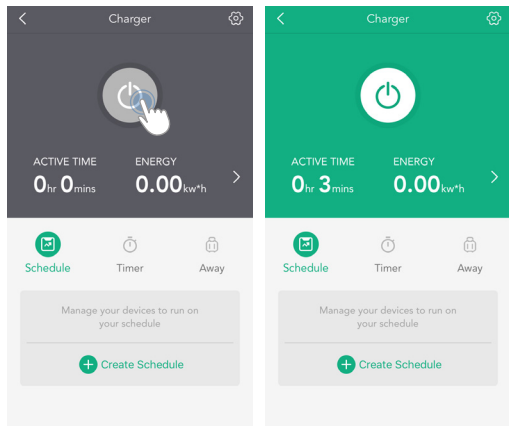
Device is **On**

## Method 2

Tap on the device on the **"My Devices"** screen for a detailed view of the device. Tap the power button on the detailed view to turn the device on.

Off

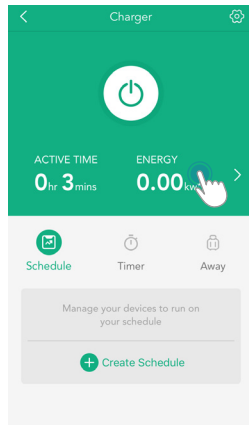
On



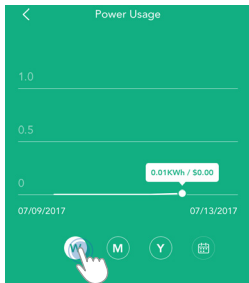
# Data

The VeSync app gathers information from the outlet and will automatically calculate your energy usage. Follow the steps below to view energy consumption reports on the app.

1. On the detailed device page, tap the area near **“Energy.”** You can also tap the arrow to the right of **“Energy.”**

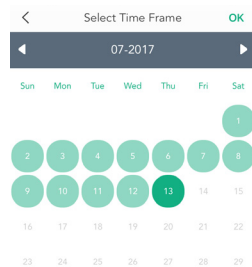


2. Tap **“W”**, **“M”**, **“Y”**, respectively, to see weekly, monthly, and yearly energy consumption. Tapping the 4th button allows you to view the energy consumption over a custom time period.



Total of the week  
**0.01** kWh

3. To select a customized time period, tap the desired dates to define a start and end time. The app will display the corresponding data.

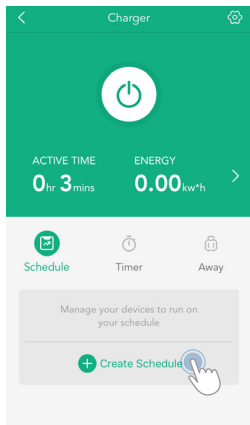


Total of the select  
(2017/06/06 - 2017/07/13)

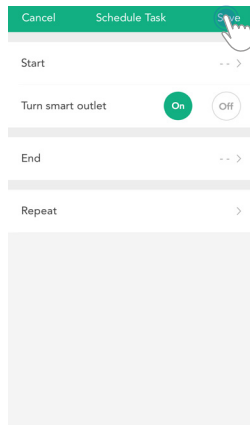
**0.01** kWh

# Creating Schedules

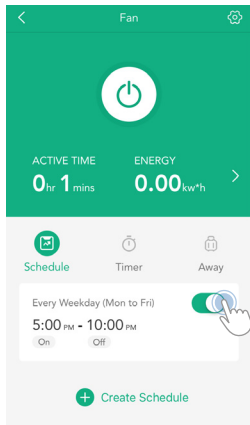
1. Tap **"+ Create Schedule"** to create a scheduled time for the device.



2. Set your scheduled time for your device and a command to turn the outlet on or off at the scheduled time. You can also set an end time or leave it blank. Tap **"Save"** when you are done.



3. You can turn on or off any schedule at anytime for your outlet.

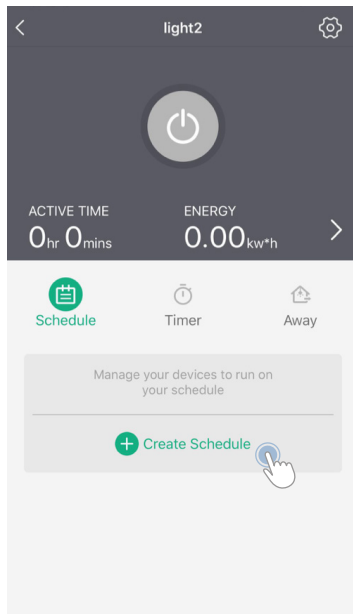


**Note:** This smart outlet supports up to 32 groups of schedules, timers, and away modes.

# Using Sunrise & Sunset Scheduling

You can schedule the outlet to turn on or off at sunrise or sunset based on your location.

1. Make sure Location Services has been turned on for VeSync.
2. Tap “+ **Create Schedule**” to create a scheduled time for device.

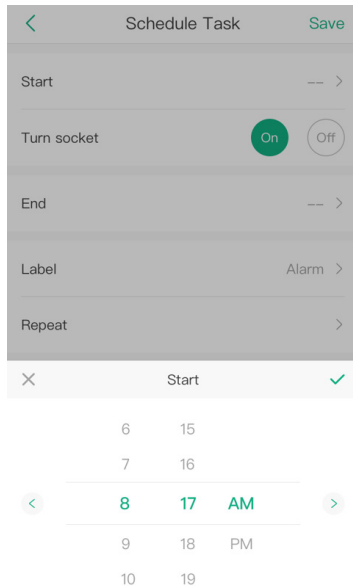


3. Select the **"Start"** or **"End"** time to set the time for sunrise or sunset.

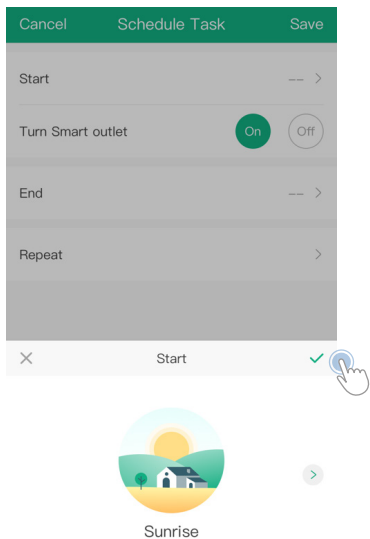
**Note:** You can not select sunrise or sunset for the same time. If you select **"Sunrise"** for your start time, you must select **"Sunset"** for the end time.

The screenshot shows a mobile application interface for scheduling a task. At the top, there is a green header bar with three buttons: "Cancel", "Schedule Task", and "Save". Below the header, the interface is divided into sections by horizontal lines. The first section is labeled "Start" and has a time selection field with a hand icon pointing to a blue circle, followed by "-- >". The second section is labeled "Turn smart outlet" and has two toggle buttons: "On" (a green circle) and "Off" (a white circle). The third section is labeled "End" and has a time selection field with "-- >". The fourth section is labeled "Repeat" and has a right-pointing chevron ">". The bottom half of the screen is a large, empty light gray area.

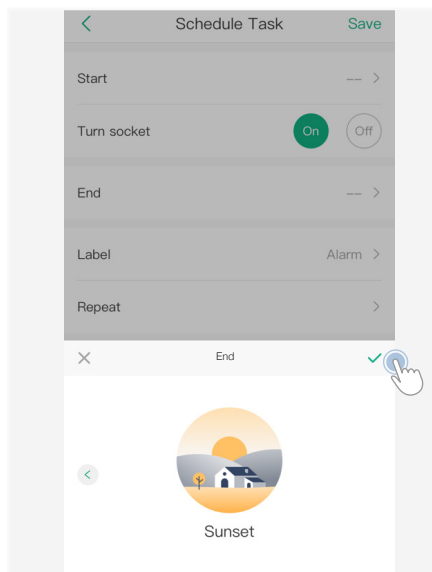
4. When the time selection comes onto the screen, tap on the left or right arrows to select **"Sunrise"** or **"Sunset."**



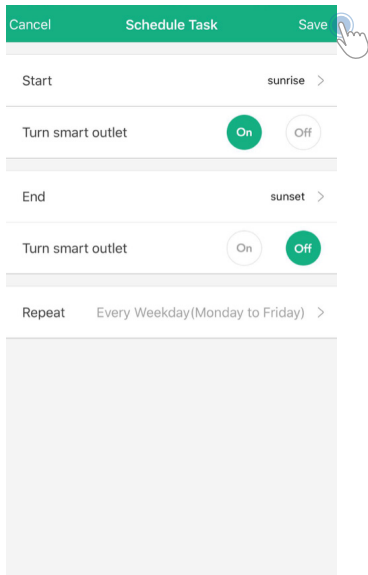
5. To confirm **"Sunrise"** or **"Sunset,"** tap the checkmark to program the time.



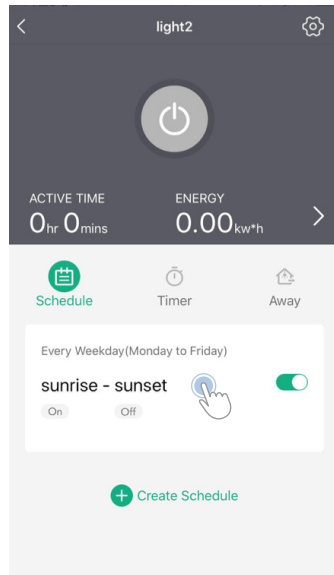
6. You can also select **"Sunrise"** or **"Sunset"** for your end time.



7. Tap **“Save”** at the top of the screen when you have set your start and end times.

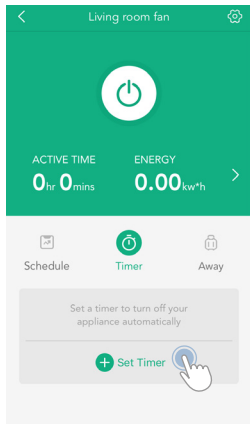


8. You can turn on or off any schedule at anytime for your outlet.

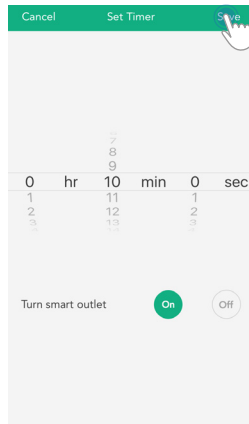


# Set Timer

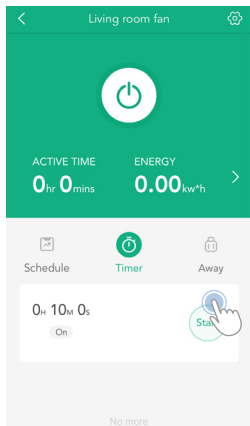
1. On the detailed device view, tap **"Timer"** then tap **"+ Set Timer"** to set a timer.



2. Set your timer and command to turn the outlet on or off. Tap **"Save"** when you are done.



3. Tap **“Start”** to start timer. When the timer ends, it will execute the command you have set for the outlet.

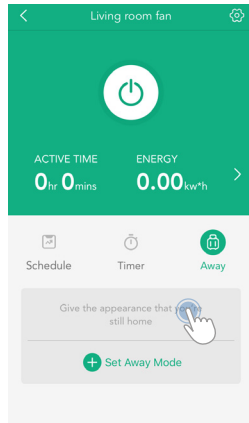


**Note:** For your safety, you cannot turn the device off once the timer has started.

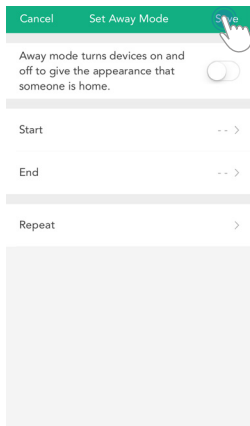
# Away Mode

The away mode turns on the outlet at random for half-hour intervals during the programmed time. For example, if your programmed away timer is at 11:30 pm, the away timer will turn the outlet on at anytime between 11:00 pm to 12:00 am for half an hour.

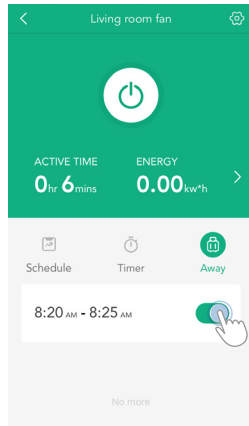
1. On the detailed device view tap **"Away"**, then tap **"+ Set Away"** to set an away timer.



2. Set a start and end time, and select the desired days for the away timer. Tap **"Save"** when you are done.



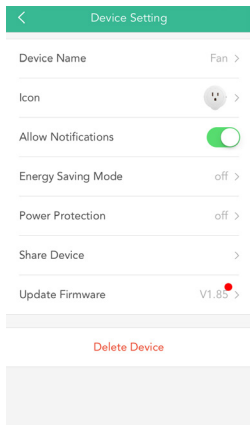
3. Swipe to turn your away timer on or off.



# Device Setting

This menu allows you to edit your device name and picture, as well as turn on/off notifications.

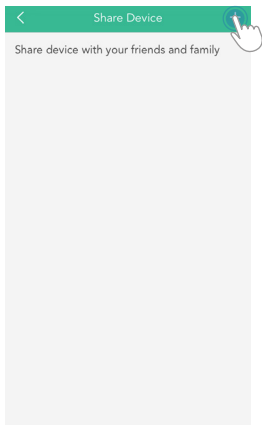
This menu also provides options for the Energy Saving Mode, Power Protection, device sharing, and firmware updates.



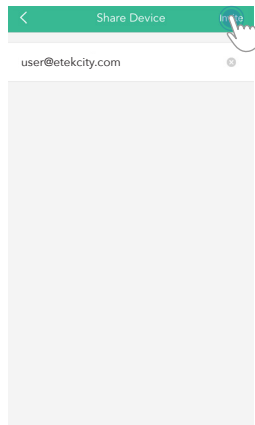
# Share Device

Note: You cannot share your device if you have not created a VeSync account.

1. To allow your friends and family to control your outlet, tap “+” on the upper right-hand corner to share.

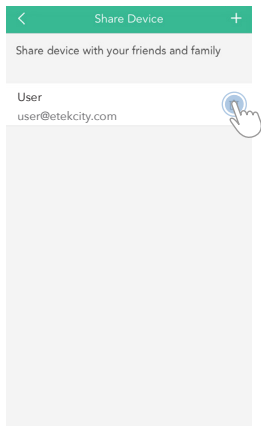


2. Enter the person's email and tap “Share.”



3. Tap the trash can icon to delete people who you have shared your device with.

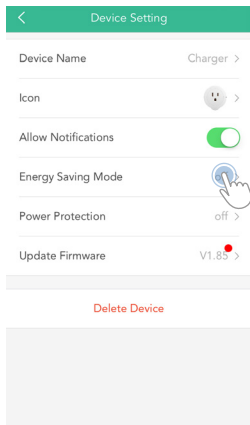
**Note:** The persons you share your device with cannot edit or delete your device settings.



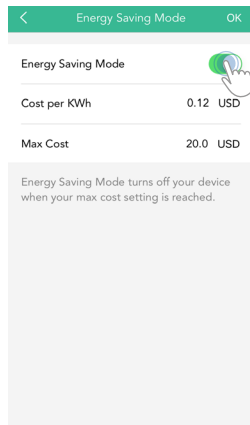
# Energy Saving Mode

The VeSync App allows you to program the smart Wi-Fi outlet to save energy based on the cost per kilowatt hours (kWh).

1. On the Device Setting menu, tap **“Energy Saving Mode”** to access the Energy Saving Mode settings.



2. Turn on the Energy Saving Mode. Enter your Cost per KWh and Max cost. Tap to **“Save”** when you are done. Your device will now turn off once it has reached your max cost setting.

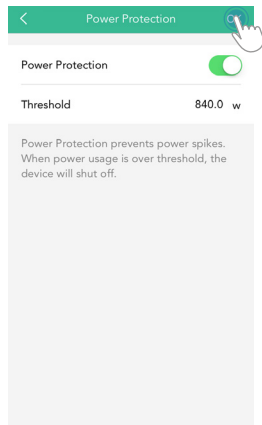


## Power Protection

The Power Protection mode enables you to program the outlet to prevent power spikes from damaging your connected devices.

1. On the Device Setting menu, tap **"Power Protection"** to access the Power Protection settings.
2. Activate the Power Protection mode, enter a threshold, and tap **"OK"** to save. The device will turn off when power usage has exceeded the threshold.

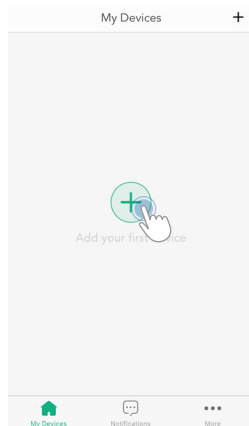
**Note:** This Wi-Fi outlet is not a professional energy calculating device. The outlet only provides rough estimates and should not be relied on as a primary source for power protection.



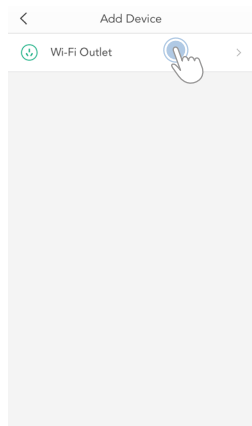
## Reconfiguring a Device

1. Unplug your connected device from the Wi-Fi Outlet. Press and hold the power button on the outlet for about 5 seconds until the LED indicator shines solid blue.

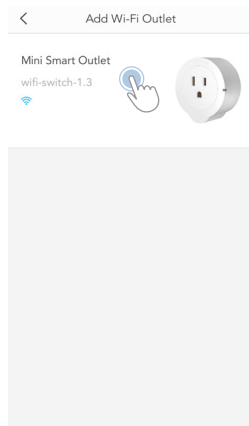
2. Tap the “+” button on the screen to add your device.



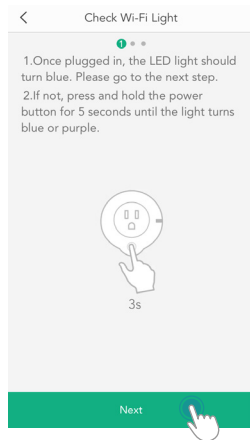
3. Select **"Wi-Fi outlet."**



4. Select this model.

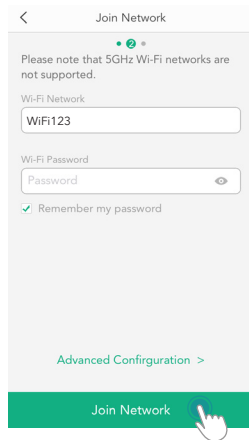


5. Plug your smart outlet into a powered electrical outlet or power strip, then check the LED indicator. If the indicator light is solid blue, then you can tap to continue setup.



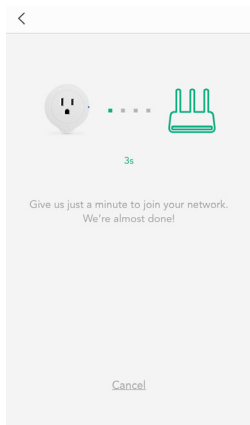
**Note:** A purple LED light means yellow and blue light are on at the same time. If your LED light is yellow or off, please reconfigure the outlet.

6. Type in the name of your home Wi-Fi network and password, then tap **"Join Network."**



**Note:** This Wi-Fi outlet configuration only supports a 2.4GHz Wi-Fi network.

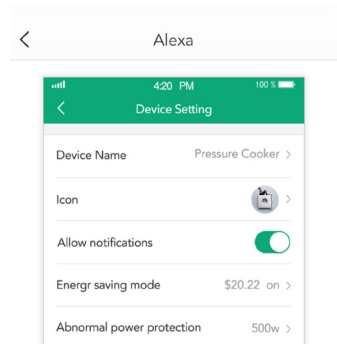
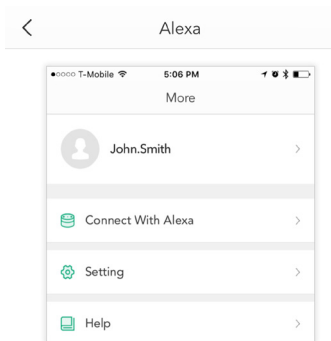
7. The system will take a moment to connect. If you tap **"Cancel"** you will be taken back to the setup screen.



# Connect with Alexa

**Note:** You must create a VeSync account to connect with Alexa.

To view these instructions on the VeSync app, tap **“More”** on the My Devices page, then tap **“Connect with Alexa.”**



## Step 1

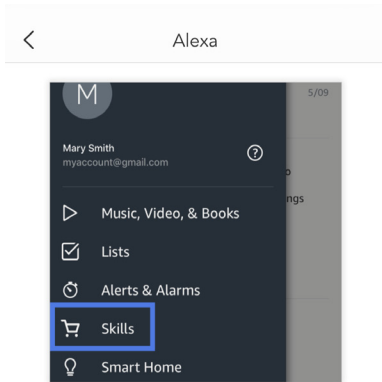
You'll need a VeSync account to connect to Amazon Echo. Sign in and make sure your account is verified. Your user name should appear once logged in.



## Step 2

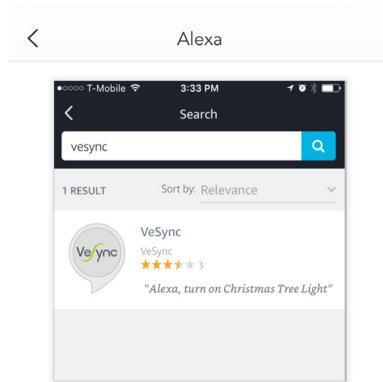
Give each device a unique name (i.e., "bedroom lamp" or "living room fan") and avoid similar-sounding names to help with voice control.





### Step 3

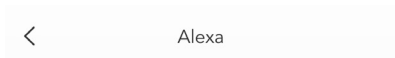
Open your Alexa app, tap the menu icon, and go to the "skills" section



### Step 4

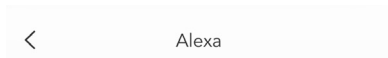
Search for "VeSync"





## Step 5

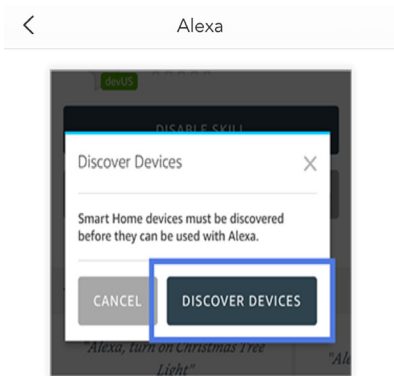
Tap to enable skill.



## Step 6

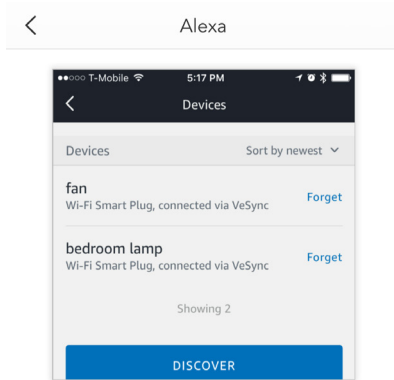
Enter your VeSync account information and tap "Authorize" to connect to Alexa.





## Step 7

Tap "Discover Devices". Alexa will search for your VeSync devices.



## Step 8

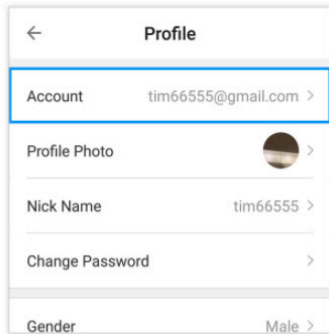
Your enabled devices should appear on your Smart Home page. Use those names when speaking to Alexa. (i.e., "Alexa, turn on Bedroom Lamp.")



## Connect with Google Home

**Note:** You must create a VeSync account to connect with Google Home.

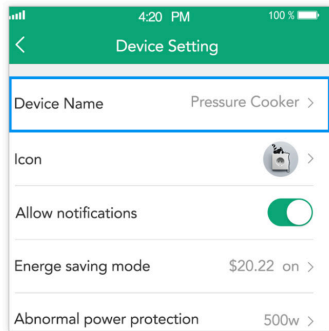
To view these instructions on the VeSync app, tap **"More"** on the My Devices page, then tap **"Connect with Google Home."**



### Step 1

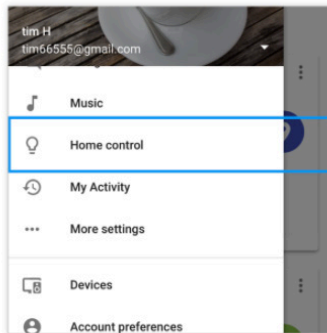
First make sure you have registered for a VeSync account, as a guest account will not work with Google Home. Once verified, your username should appear on your VeSync profile screen.





## Step 2

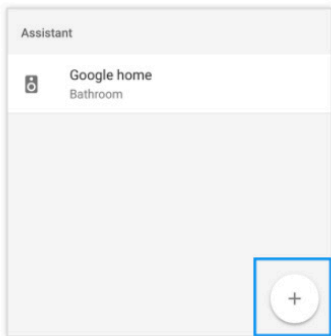
To help with voice control, make sure each name you give is unique and doesn't sound too similar to other names. Do not use numbers or special characters.



## Step 3

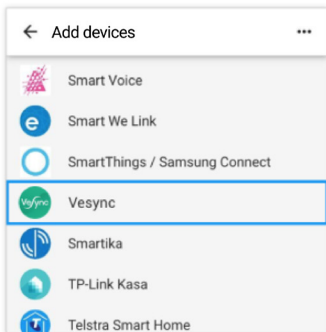
Launch the Google Home app and tap on the menu icon, then go to **Home Control**.





## Step 4


Under **Devices**, tap "+" in the lower right corner to add new devices.



## Step 5

Find **VeSync** from the device list, then tap to select.



  
**Vesync**

Sign in to allow Google to control your Vesync devices. Remote control should be enabled on your Vesync device to work with Google.

Email

Password

[Forgot Password?](#)

## Step 6


Log in to VeSync and tap **Authorize** to connect to Google Home.




DEVICESROOMS


Available on Google Home, iOS 9.0+ phones and Android 6.0+ watches

**Assistant**

 **Google home**  
Bathroom

**TP-Link Kasa**

 **Baby**

 **Baby 1**

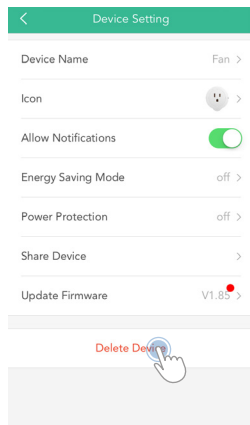
## Step 7

Now Google Home will work with VeSync! You can voice control each device by name through Google Home.



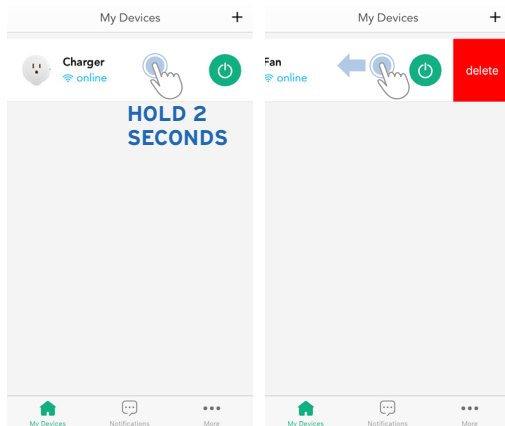
# Delete a Device

1. You can delete your device on the Device Setting menu. This option is located at the bottom of the screen.



**Android devices:** On the "My Devices" screen, press and hold for 2 seconds to delete.

**iOS devices:** On the "My Devices" screen, swipe left to delete.

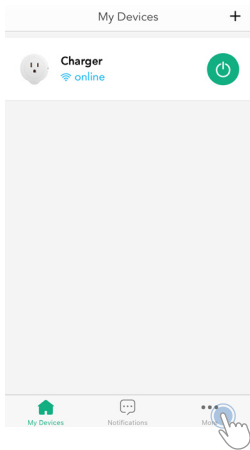


**Note:** People whom you have shared the device with cannot delete it.

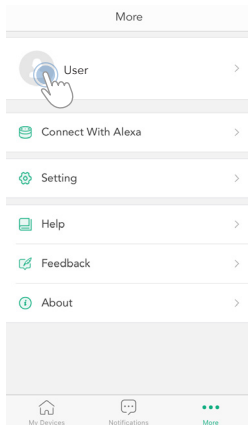
# Log Out

**Note:** You do not need to log out if you have not created a VeSync account.

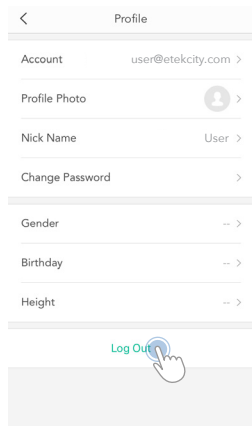
1. Tap on **“More”**.



1. Tap your profile picture.



3. Tap **“Log Out”** at the bottom of the profile menu.



## Specifications

Communication Mode	IEEE802.11b/g/n (Wi-Fi)
Communication Frequency	2400 - 2483.5 MHz
Wireless Distance (Outlet to Router)	98 - 164 feet   30 - 50 meters (max visible range)
Maximum Switch Current	8A
AC Power Supply Range & Supply Frequency	120V, 60Hz
Rf PA Power	25 dBm
Power Consumption	0.7 - 1.2 W
Operating Environment	14°F ~ 104°F   -10°C ~ 40C°
Storage & Transportation Environment	-4°F ~ 104°F   -20°C ~ 60C°
Size	102mm x 62mm x 30mm
Compatible Systems	Android 4.0 or higher   iOS 7.0 or higher

**NOTE:** Your outlet Wi-Fi signal range may be shortened or adversely affected by one or more of the following: your Wi-Fi network operation power rate, the Wi-Fi sensitivity of the receiving device, thick building walls and surrounding electrical devices.

# Troubleshooting

## **Q: Why won't my device respond to my app remote commands?**

- Ensure that your Wi-Fi network is working properly and that the Wi-Fi outlet is properly plugged in and connected to a device.
- Check to make sure the Wi-Fi outlet isn't placed too far from the wireless network router. It must be within a 164 ft (50m) visible range from the router.

## **Q: Why won't the power usage data update in the app even when my outlet is in use?**

- Sometimes it takes some time for the power usage data to update. If you're using a low power consumption appliance, data may take longer to transfer.

## **Q: Why won't the VeSync app allow me to add a device?**

- The outlet has been reconfigured.
- If the device network was set up by another user, have the primary user share the device with you so that you can set up the outlet on your mobile device.
- Make sure your Wi-Fi outlet's firmware is up to

date.

- Make sure the Wi-Fi password you're inputting is correct.
- Try configuration using APN mode.
- Remove the Wi-Fi outlet from its power supply; wait a few seconds and plug the outlet back in and re-attempt configuration.

## **Q: After adding a device, why won't the device icon appear on the main screen of the VeSync app?**

- Refresh the main menu screen and the device should then normally appear on the screen.

## **Q: After moving a Wi-Fi outlet to another socket, the outlet is appearing as offline or the light is slowly blinking blue. Why is this happening?**

- Check to make sure the Wi-Fi outlet isn't placed too far from the wireless network router. It must be within a 164 ft (50m) visible range from the router.
- Check to make sure the wireless network has not changed and is functioning normally.
- Reset the outlet by pressing and holding the outlet power button for 20 seconds and releasing when the indicator light begins to flash quickly. Then, re-configure the outlet with the network.

# Warranty

## Terms & Policy

Etekcitec warrants all products to be of the highest quality in material, craftsmanship and service for a minimum of 1 year effective from the date of purchase. Warranty lengths may vary between product categories.

Should you encounter any issues or have any questions regarding your new product, feel free to contact our helpful Customer Support Team. Your satisfaction is ours!



Please scan here for the full warranty.

# Customer Support

Should you encounter any issues or have any questions regarding your new product, feel free to contact our helpful Customer Support Team. Your satisfaction is ours!

## Customer Support

Etekcite Corporation  
1202 N Miller St. Suite A  
Anaheim, CA 92806

Toll-Free: (855) 686-3835  
Fax: (657) 202-1693  
Local: (657) 500-1872  
Email: [support@etekcity.com](mailto:support@etekcity.com)

## Support Hours

Monday - Friday:  
9:00 am - 5:00 pm PST

*\*Please have your order number ready before contacting customer support.*

**Connect with us @Etekcity.**





Scan here to join the community!  
Visit us at **[www.etekcity.com](http://www.etekcity.com)**