ETEKCITY®

Voltson Smart WiFi Outlet

Model No.: ESW01-USA
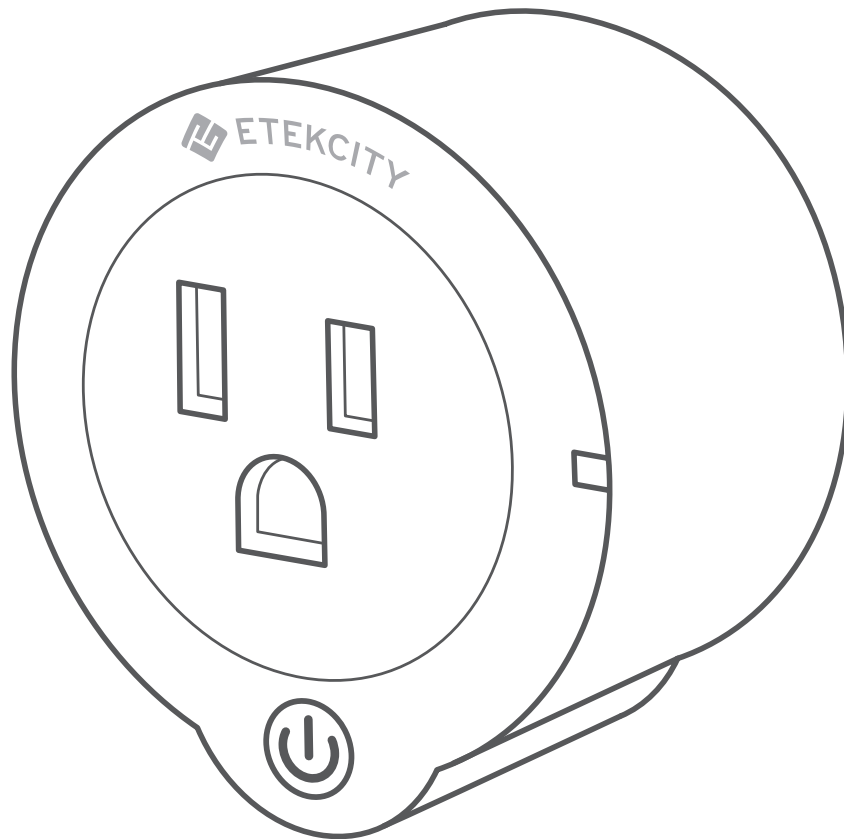
Thank you for purchasing the Voltson Smart WiFi Outlet by Etekcity.

Your smart outlet allows you to control electrical appliances, such as lights, fans, and kitchen appliances with your Android™ or iOS™ devices. Pair your smart outlet with the Etekcity VeSync app to use your phone to control your connected electrical appliances anywhere, at any time. Set up your smart outlet with the IFTTT™ (if this then that) app to program your smart home.

If you have any questions or concerns, please reach out to our helpful Customer Support Team at **support@etekcity.com**. We hope you enjoy your new smart outlet!

Become an Etekcitizen

Exclusive deals, giveaways, and product registration.
Better products for better living.
Find us here: **etekcity.com**

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Package Contents

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Specifications

Communication Mode	IEEE802.11b/g/n (WiFi)
Communication Frequency	2.4GHz
Wireless Distance (Outlet to Router)	98-164 feet | 30-50 meters (max visible range)
Maximum Switch Current	10A
AC Power Supply Range & Supply Frequency	AC 120V, 60Hz
Operating Environment	-10°C-40C° | 14°F-104°F
Storage & Transportation Environment	-20°C-60C° | -4°F-140°F
Size	102 x 62 x 30 mm
Compatible Systems	Android™ 4.3 or higher iOS™ 8.0 or higher

NOTE: *The outlet's WiFi signal range can be weakened or disrupted if:*
- *Your WiFi bandwidth is not 2.4GHz*
- *Your WiFi network and/or your smart outlet is blocked by objects (such as walls, floors, or furniture) that are too thick*
- *Your WiFi signal interferes with other electrical appliances (e.g. microwave ovens, wireless speakers, and LCD displays)*

Safety Information

To reduce the risk of injury and/or damage to this outlet, please read and follow all instructions and safety guidelines in this manual.

- **Do not** exceed the maximum load current of 10A (approximately 1200W) by plugging in appliances that require a higher load current. **Always** check the electrical power before use to avoid potential damage to the device.
- Keep out of reach of children.
- **Only** use indoors, in a dry location.
- **Always** keep away from water or other liquids.

NOTE: *This smart WiFi outlet complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

SAVE THESE INSTRUCTIONS

FCC statement to the user

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and
(2)This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

• Reorient or relocate the receiving antenna.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Increase the separation between the equipment and receiver.

• Consult the dealer or an experienced radio/TV technician for help.

FCC radiation exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

Product Requirements

- A smartphone or tablet running on iOS 8.0/Android 4.3 or higher.
- A 2.4GHz WiFi connection (supports 802.11b/g/n standard).

The smart outlet is compatible with electrical appliances that use 10A current. Connecting an appliance that uses more than 10A current may cause the outlet fuse to blow.

Features:

Front **Back**
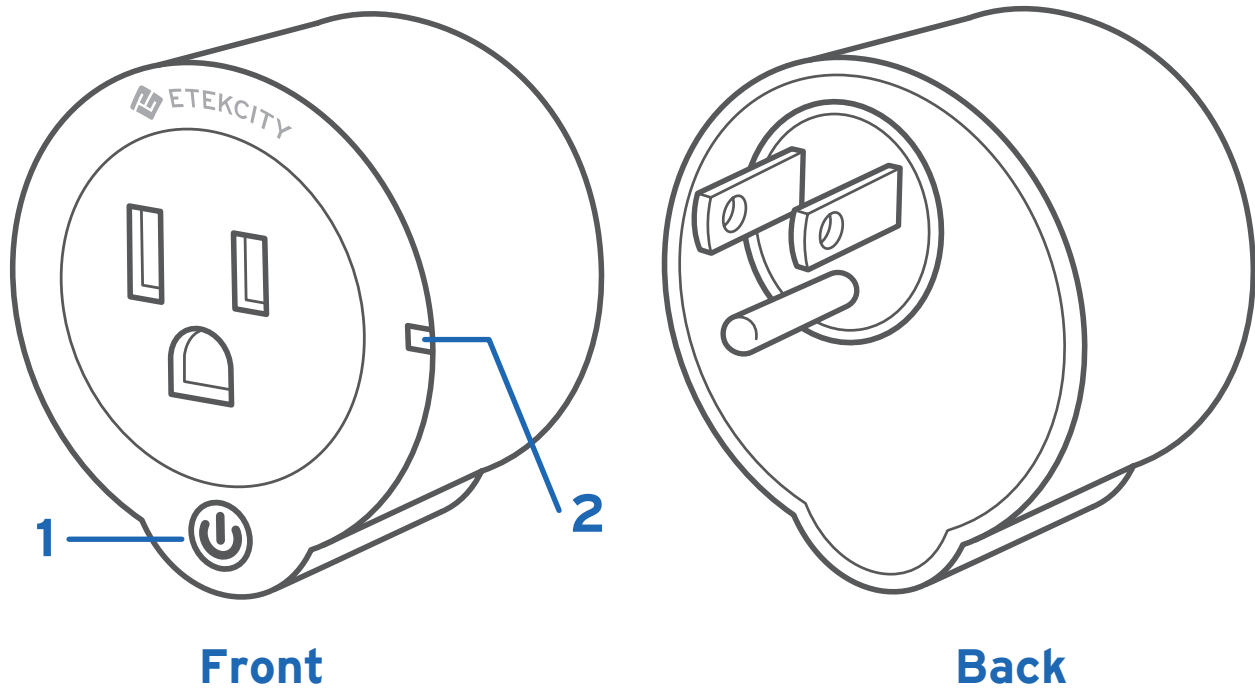
1. Power Button
2. LED Indicator

Light Indicator Chart

LED Light Color	Status	Description
Yellow	**Solid**	Outlet is turned on
Blue	**Solid**	Outlet is in Smart Configuration Mode
	Slow blinking	Outlet is in APN Configuration Mode / Outlet has gone offline after being connected
	Blinks quickly, then turns off	Outlet was hard reset
Purple	**Solid**	Outlet is in Smart Configuration Mode
	Alternating purple and yellow	Outlet is in APN Configuration Mode
None	**No light**	Outlet is off

VeSync App Setup

Note: *The VeSync app and IFTTT app user interfaces may appear slightly different.*

1. Connect your mobile device to a 2.4GHz WiFi network.

   Note: *The smart outlet will only setup on a 2.4GHz network.*

2. Scan the QR code or download the VeSync app from the App Store® or the Google Play™ store.

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

3. Open the VeSync app. Tap **Sign Up** to create a new account.
4. After you've signed up, enter your email and password, then tap **Log In**.

   Note: *You must create your own VeSync account to use third-party services and products, such as the Amazon® Echo™, Google Home™, and IFTTT™. The guest account will not work for this. With a VeSync account, you can also allow your family or friends to control your smart outlet.*

Configuration

Smart Configuration Mode

1. Tap the **+** button to add your smart outlet.
2. Tap **WiFi Outlets**.
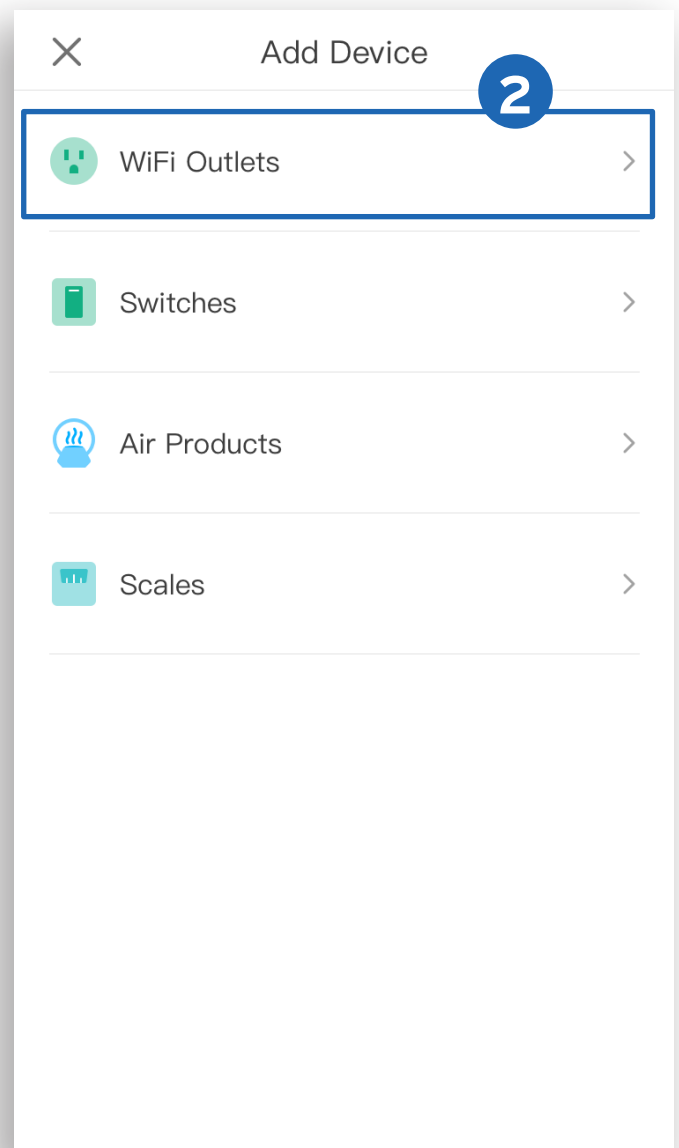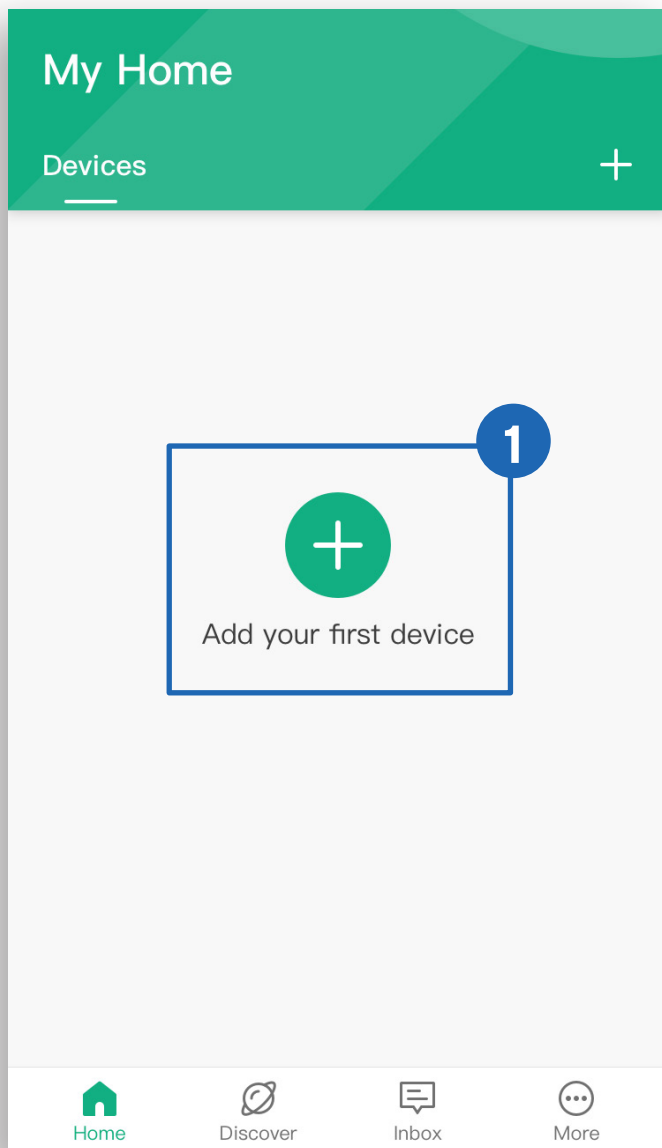
3. Tap **Etekcity WiFi Outlet US/CA**.

4. Tap **Start Setup**.

WiFi Outlets

3

Etekcity WiFi Outlet US/CA

US/CA

Etekcity WiFi Outlet Europe
ESW01–EU

Europe

Etekcity WiFi Outlet US/CA
ESW15–USA

US/CA

Add Device

Plug your smart outlet into the wall

APN Mode>

Start Setup

4
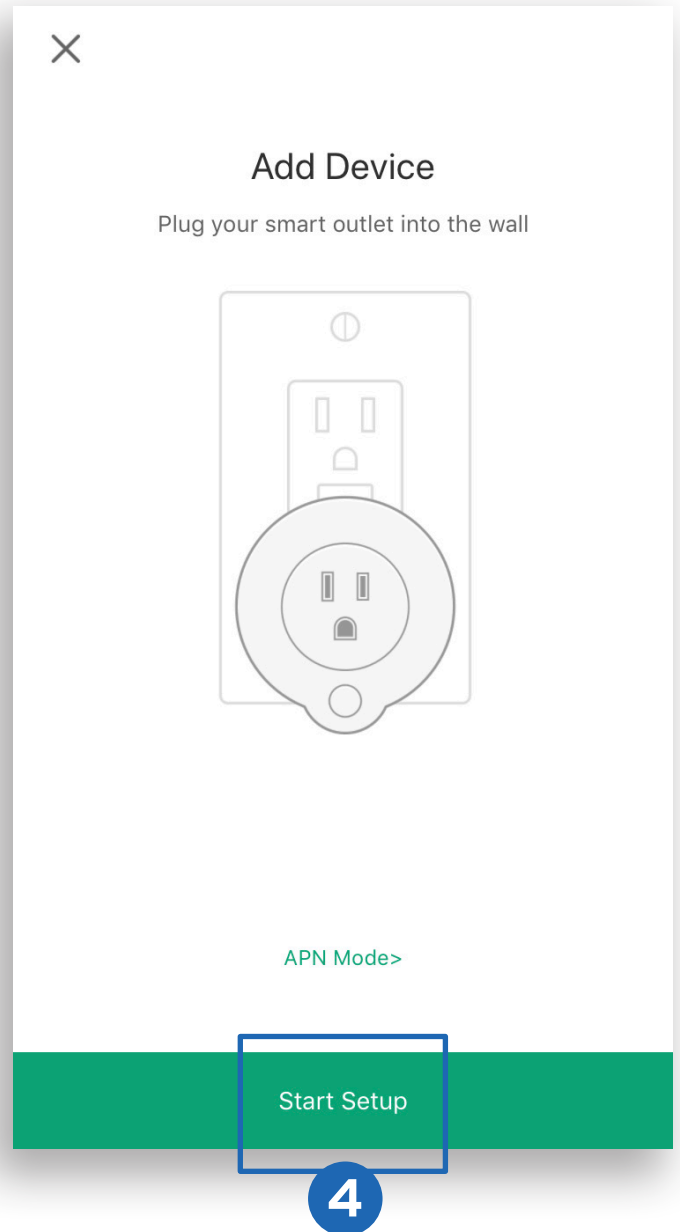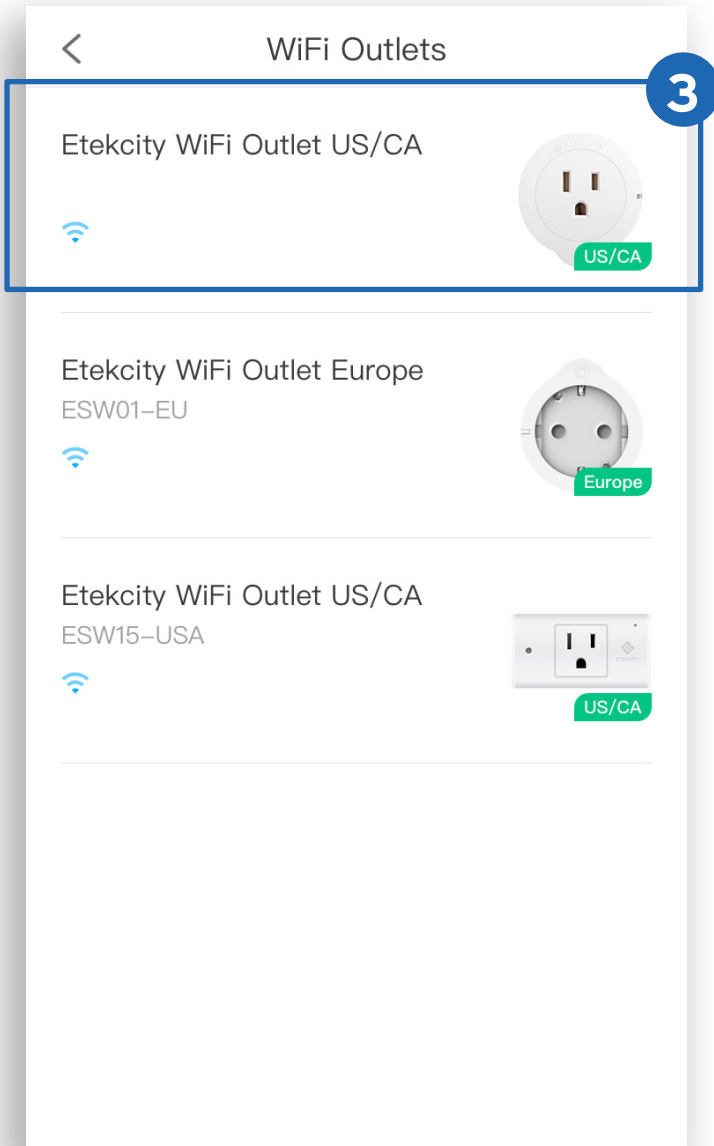
5. Press and hold the power button for 5 seconds, until the WiFi indicator lights solid blue. This will put your smart outlet into **Smart Configuration Mode**.
Then tap **Next**.

> **Note:** *Smart Configuration Mode will turn off after 5 minutes.*

6. Type in the name of your home WiFi network and password, then tap **Join Network**.

<   Add Device

Press and hold the power button for 5 seconds until the light turns blue or purple.

3 s

5

Next

<   Join Network

Devices will only work with 2.4GHz WiFi networks.How to switch network

Wi-Fi Name   E-Test

Password   ●●●●●●●●   ⌀

☑ Remember my password

☐ My network doesn't have a password

☑ I have agreed to the Terms of Use and Privacy Policy

6

Join Network
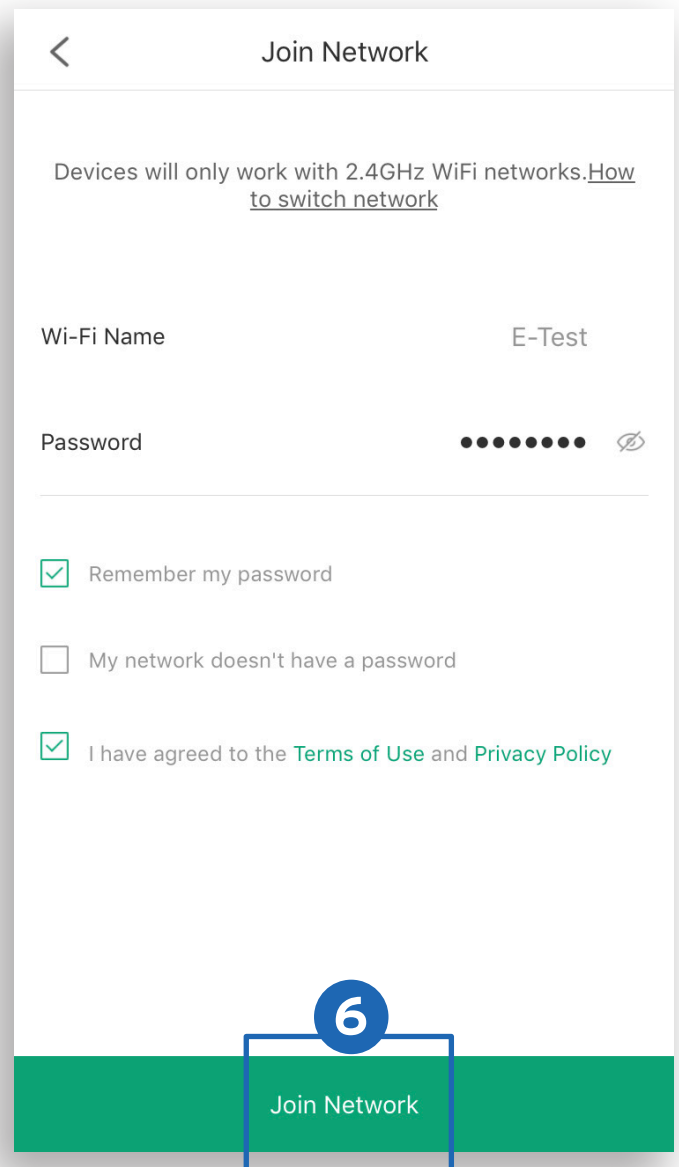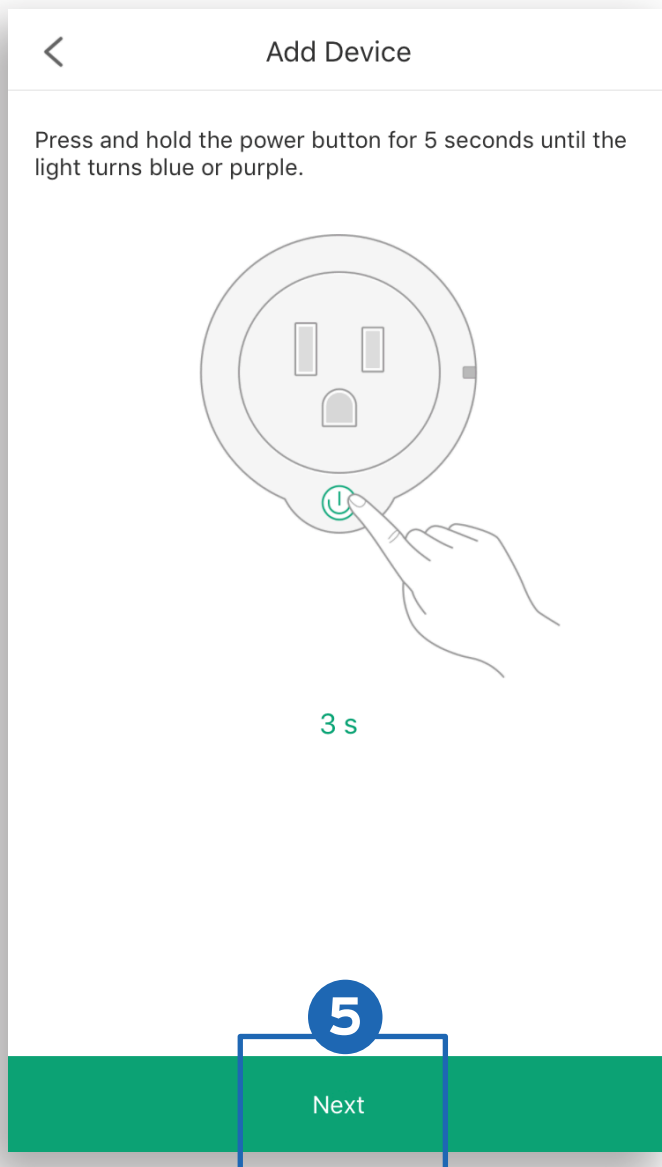
7. The outlet will take a few seconds to connect. If the Smart Configuration fails, go to **APN Mode** (page 13).

8. Your setup is complete! Give your outlet a unique name, or use the default name and tap **OK**.

Connecting	Personalize

Connecting

5 s

Attempting to connect.You're almost there!

Personalize

Give your device a name you'll remember, like "Etekcity WiFi Outlet US/CA"

Etekcity WiFi Outlet US/CA   ⊗

OK
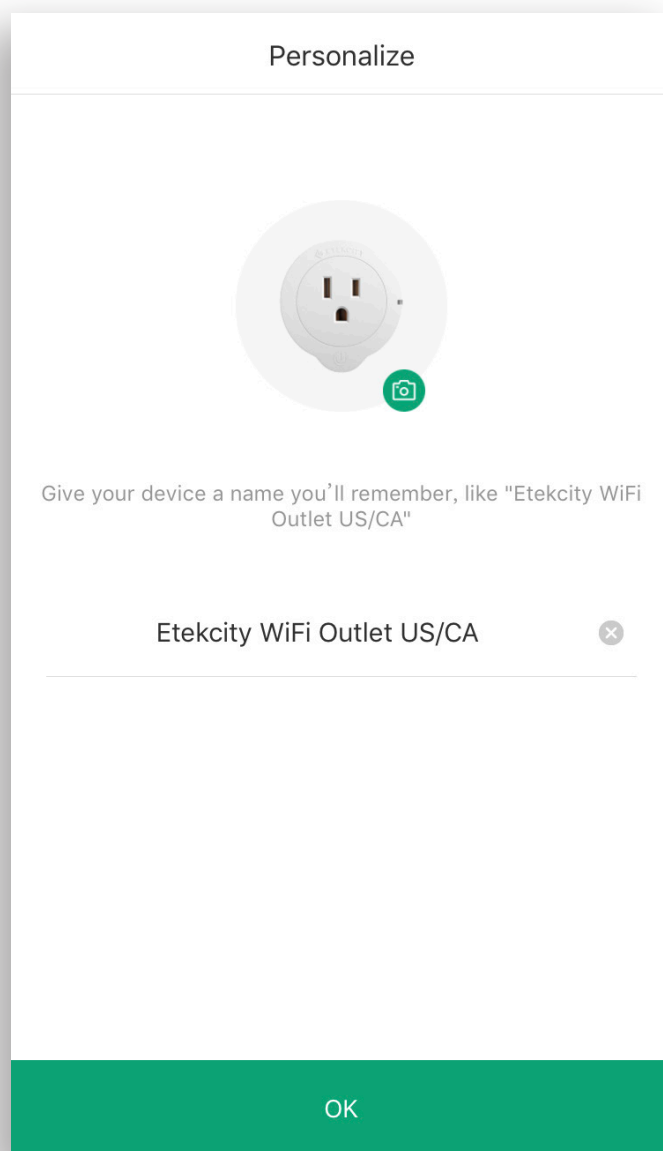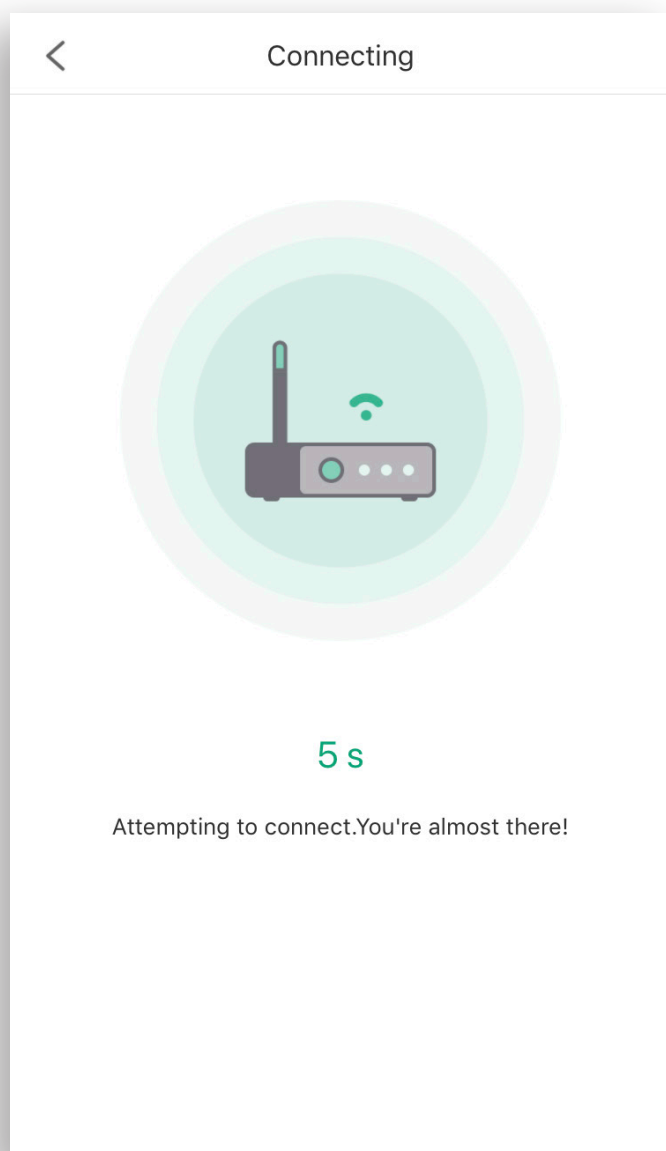
APN Configuration Mode

If **Smart Configuration Mode** fails to connect your smart switch to your WiFi, you can use **APN** (Access Point Name) **Mode**. You can also choose this mode at the beginning of setup instead of **Smart Configuration Mode**.

1. If you're starting from the initial "**Add Device**" screen, tap **APN Mode**. If you're starting from the "**Connection Failed**" screen after **Smart Configuration Mode** has failed, tap **Use APN Mode**.
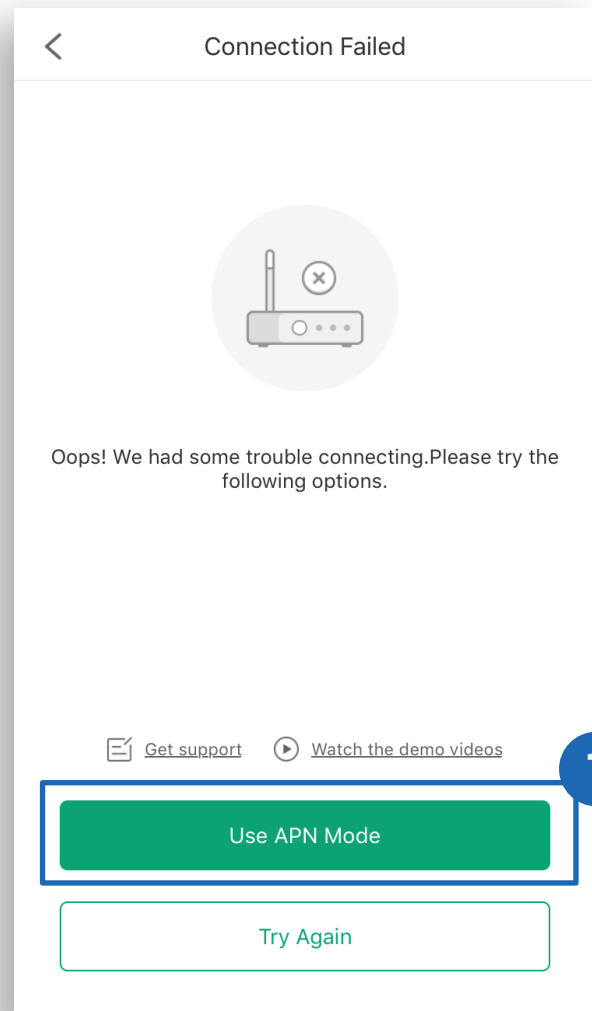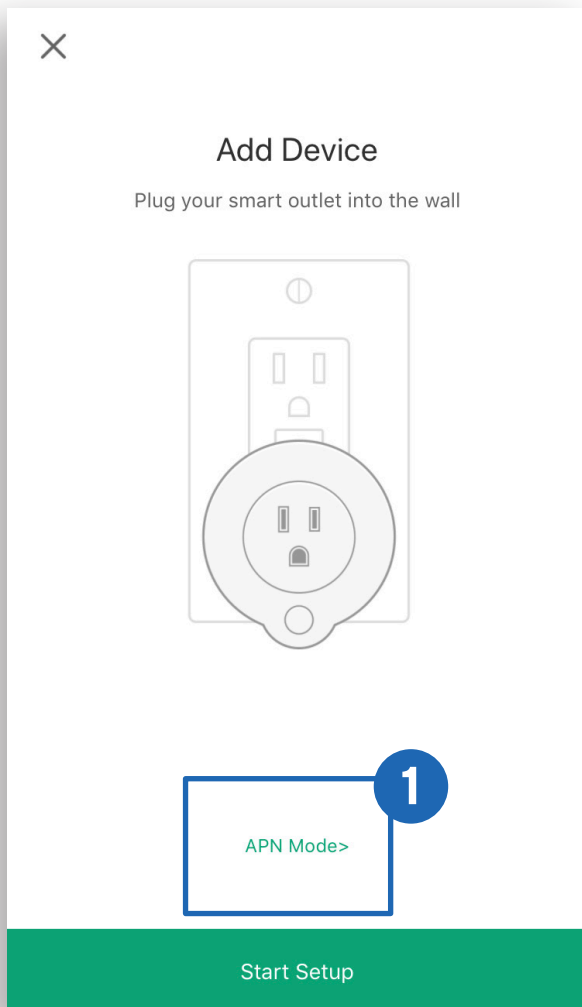
2. Press and hold the power button for 10 seconds until the LED light slowly blinks blue.

3. Type in the name of your home WiFi network and password. Then tap **Join Network**.

Note: *The smart outlet configuration requires a 2.4GHz WiFi network.*
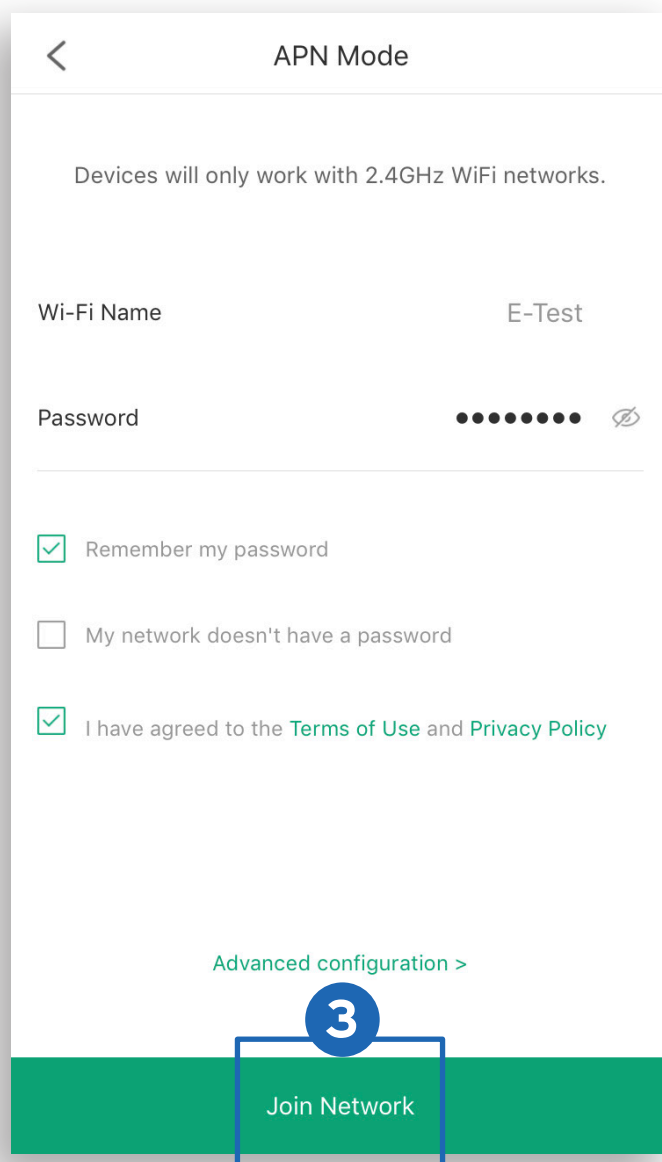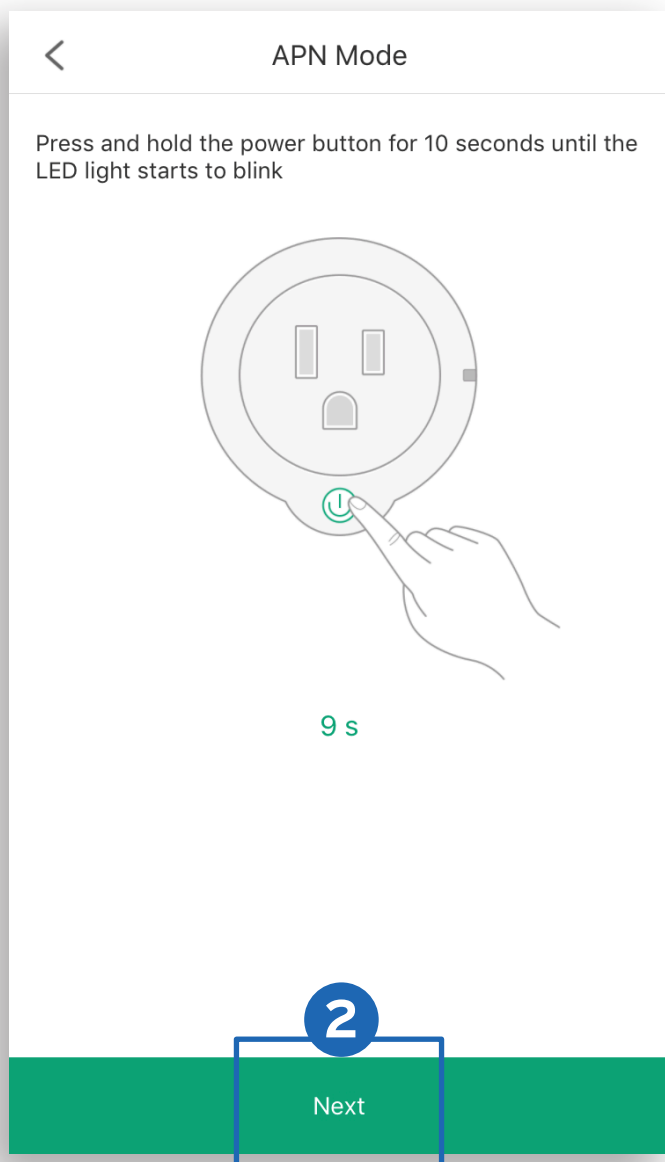
4. Tap **Set WiFi Now** and select the WiFi network that reads "**ESP_**".

Select the Wi-Fi network that begins with "ESP_XXX"(under Settings > Wi-Fi)

Set Wi-Fi now
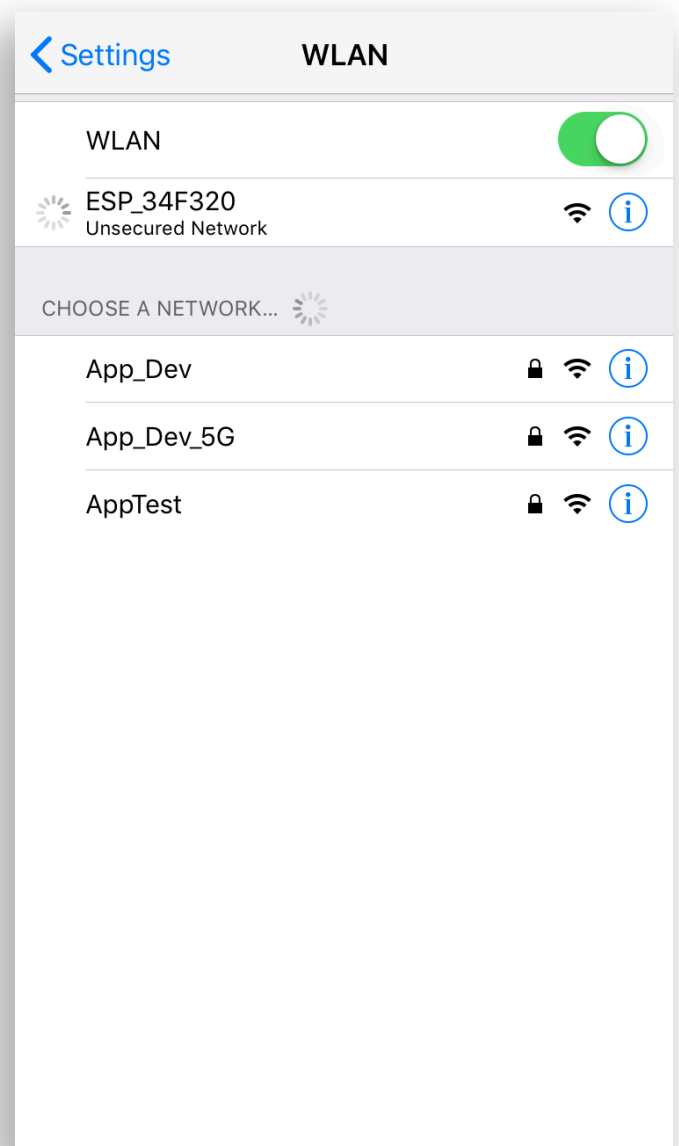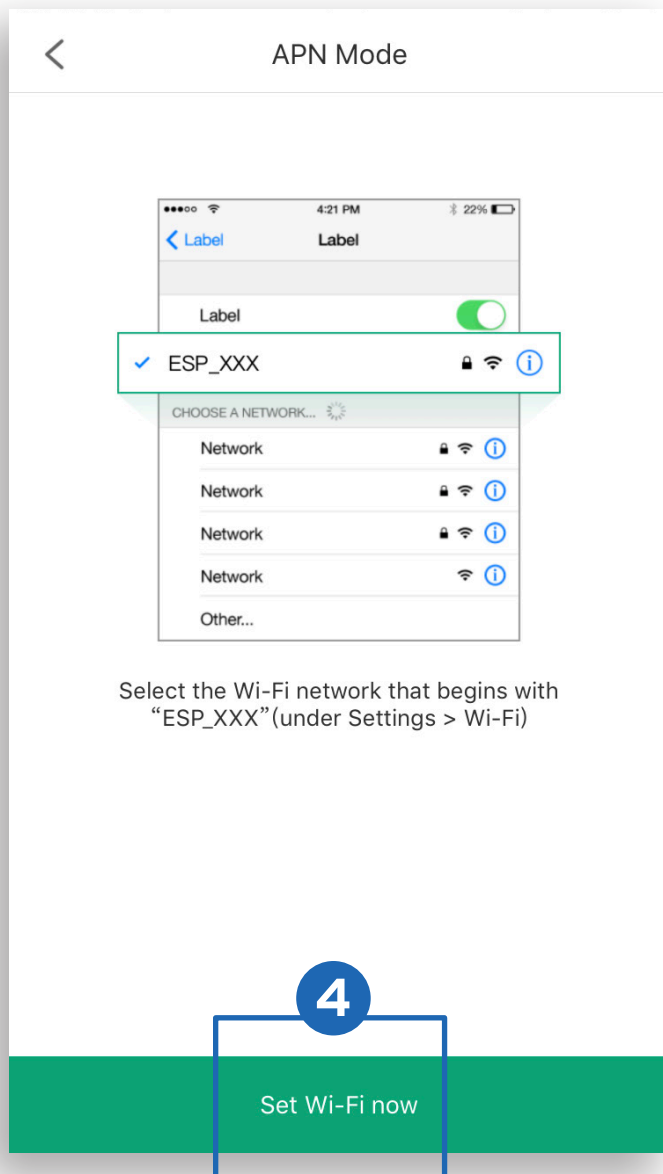
5. The outlet will take a few seconds to connect. To return to the "**Add Device**" page, tap **<**.
6. Your setup is complete! Give your outlet a unique name, or use the default name and tap **Ok**.

Note: *You can change the device name and icon at any time. Tap* ⚙ *, then tap* **Device Settings**.

Connecting	Personalize

4 s

Attempting to connect.You're almost there!

Give your device a name you'll remember, like "Etekcity WiFi Outlet US/CA"

Etekcity WiFi Outlet US/CA

OK
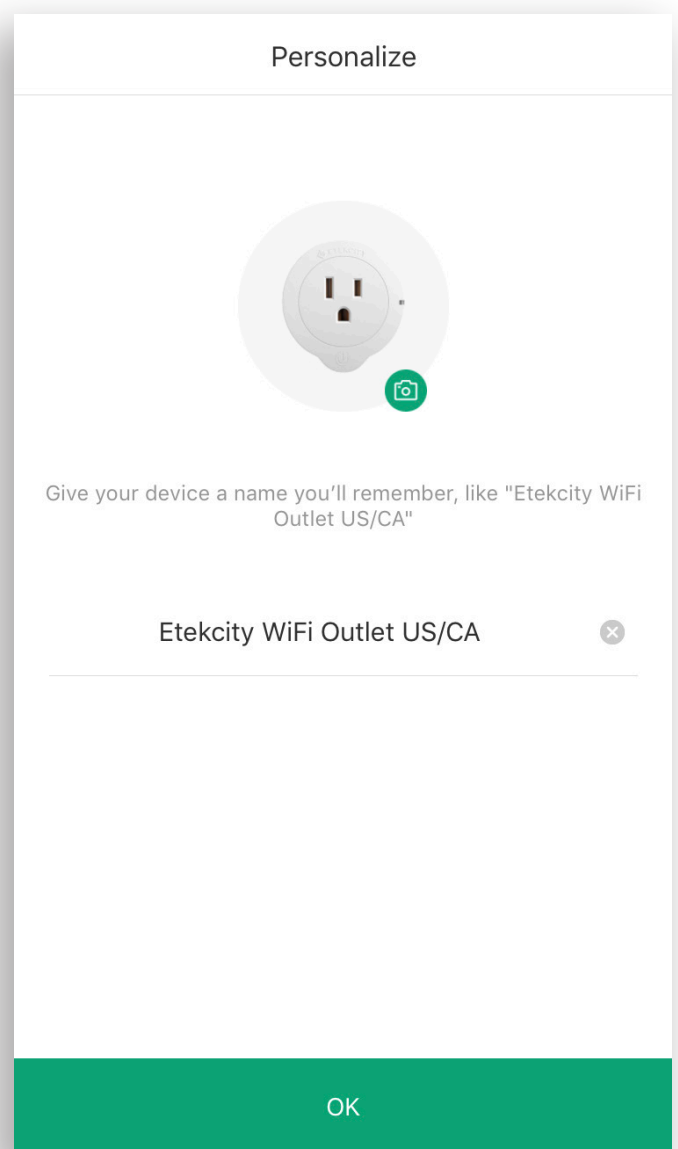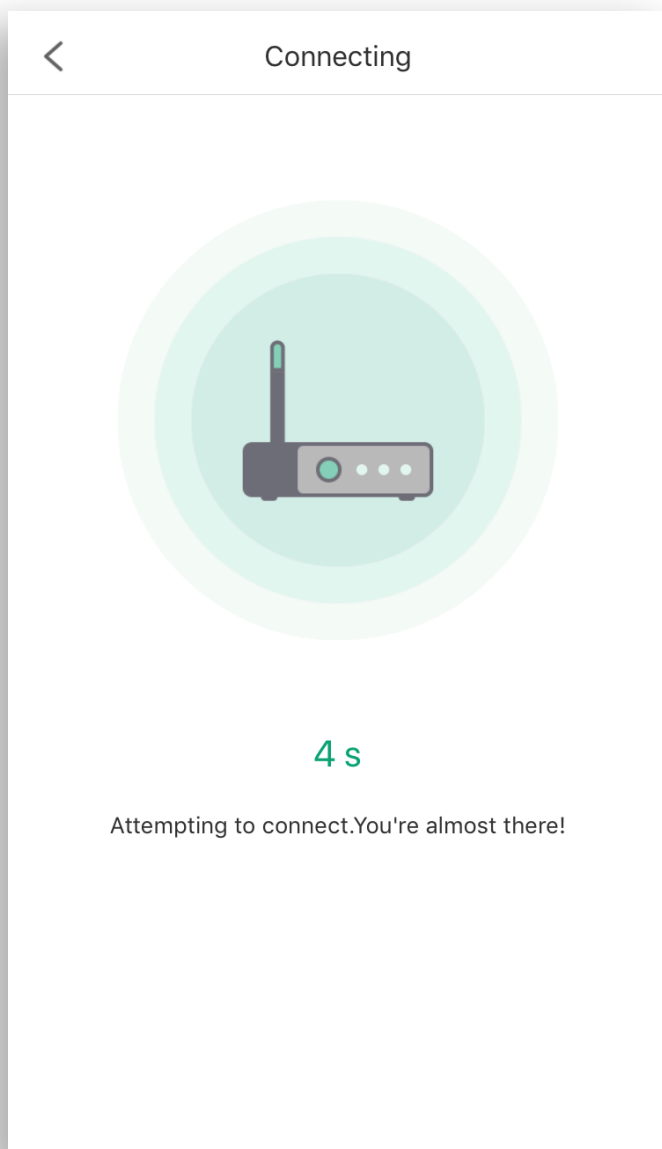
Functions

Turning Devices On/Off

On the "**My Home**" page or the smart outlet page, tap ⏻ to turn the devices on or off.

> **Note:** *The outlet will remain connected to the internet even when it is turned off.*

⏻ Device is **Off**

⏻ Device is **On**

Create Schedule

Go to the smart outlet page.

1. Tap **+** to create a scheduled time for the smart outlet to turn on and/or off.
2. Select an option from the "**Schedule Task**" page.
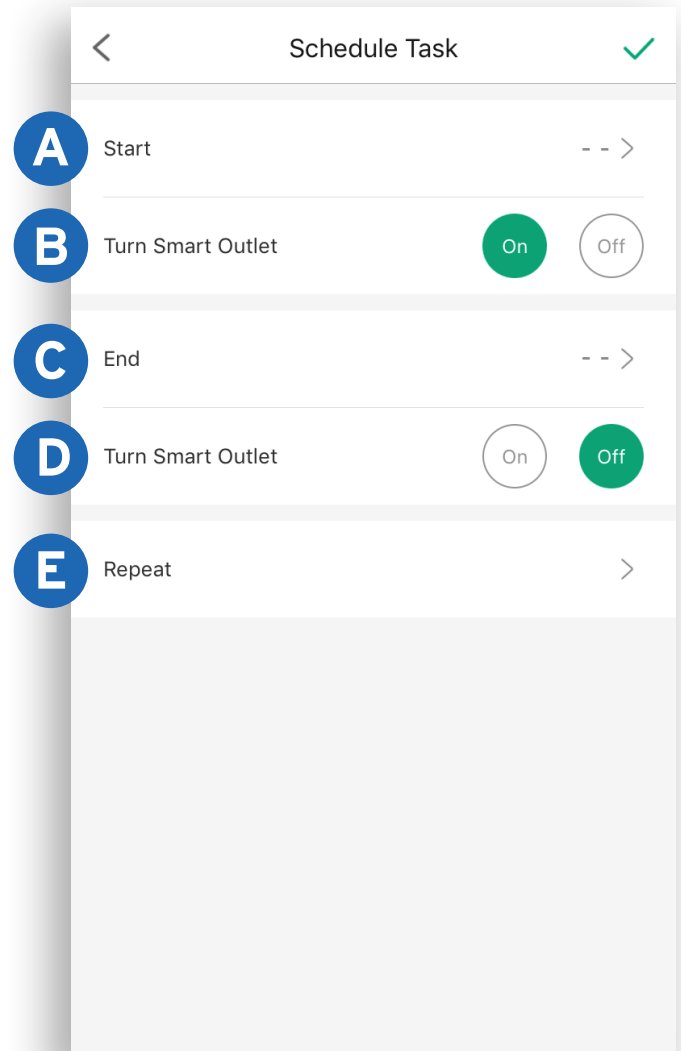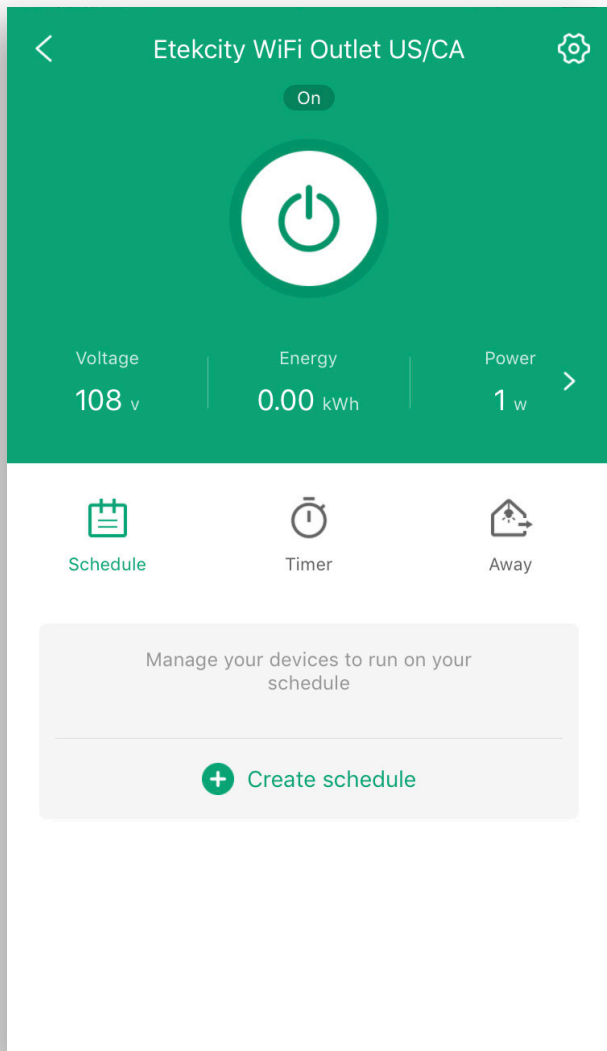
A. To set a start time:

    1. Tap **>** next to **Start**.

    2. Scroll up and down to select time. Alternatively, tap **<** for **Sunrise** and **>** for **Sunset**.

    3. Tap ✔ to confirm.

Note: *You must allow the VeSync app to access your location to determine when Sunrise and Sunset are for your area.*

21
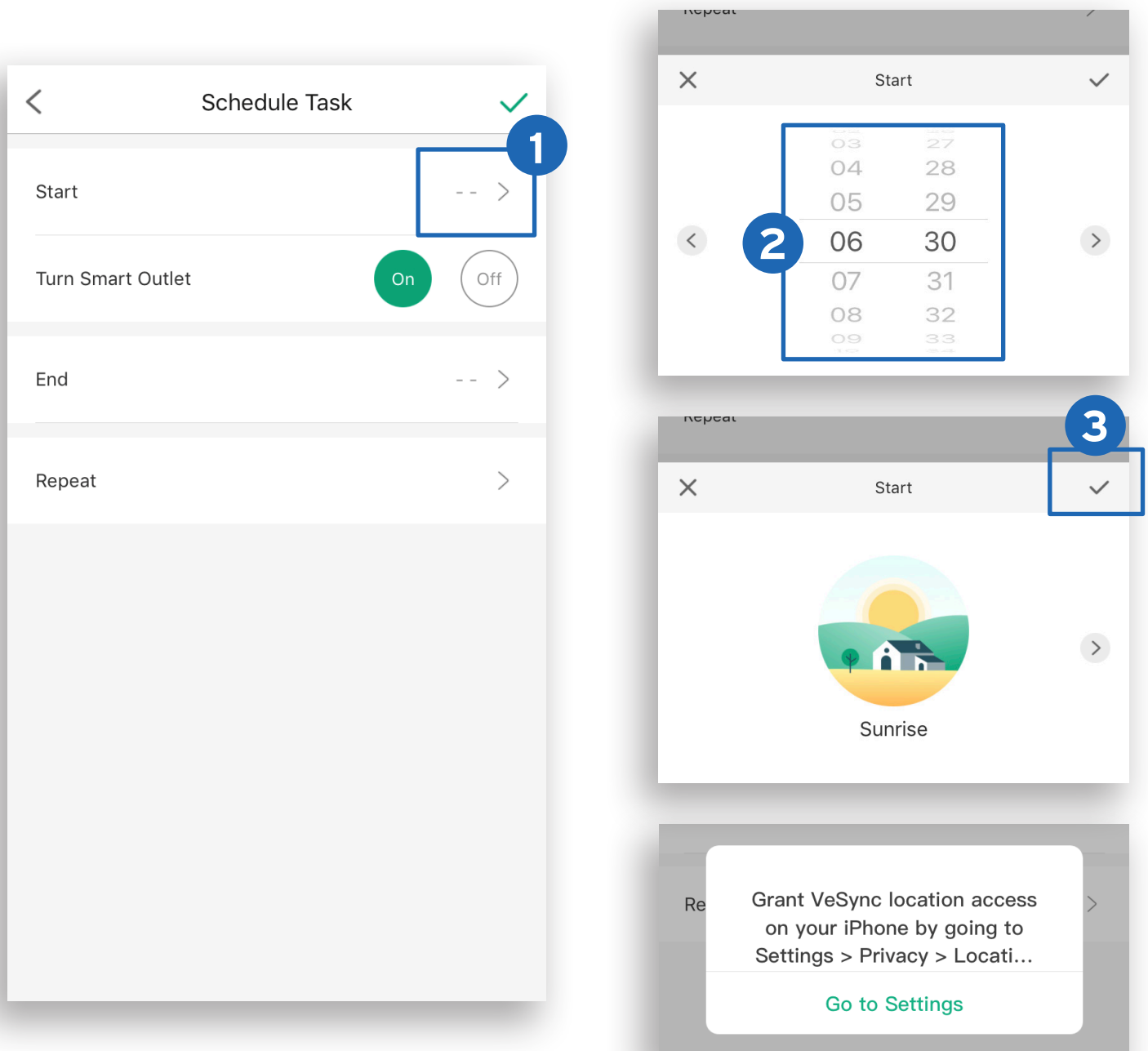
B. Choose **On** or **Off** at start time.

Schedule Task	
Start	06:30 AM >
Turn Smart Outlet	**On** Off
End	10:00 >
Turn Smart Outlet	On **Off**
Repeat	>

C. To set an end time (*optional*):

1. Tap > next to **End**.
2. Scroll up and down to select time. Alternatively, tap < for **Sunrise** and > for **Sunset**.
3. Tap ✓ to confirm.

Note: *You must allow the VeSync app to access your location to determine when Sunrise and Sunset are for your area.*
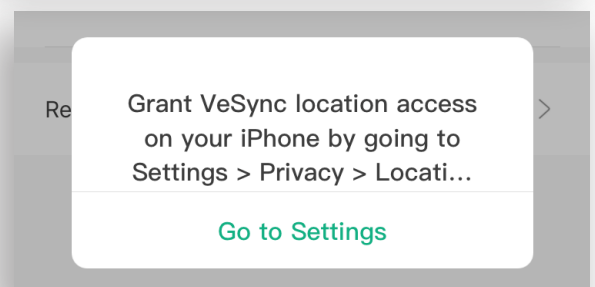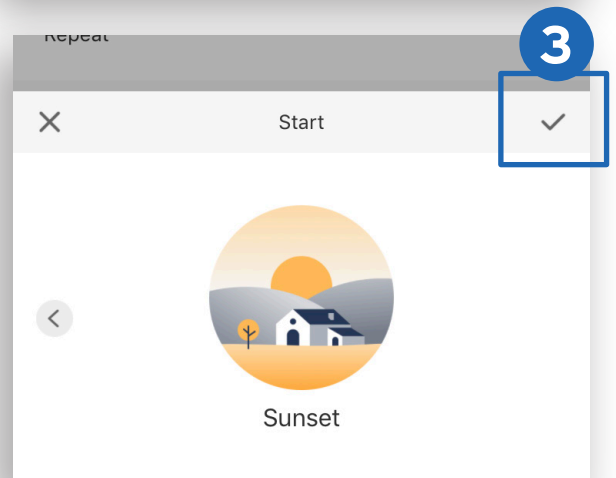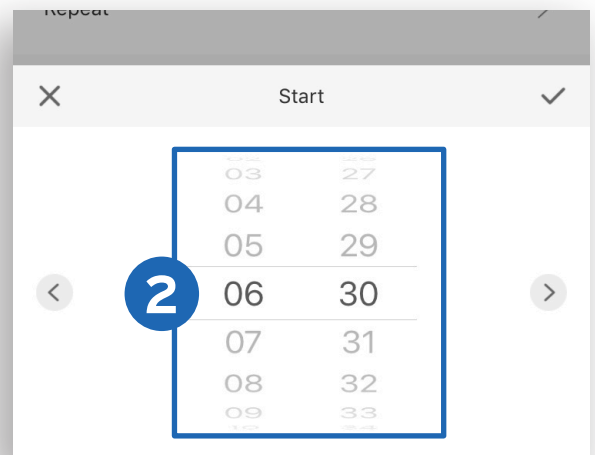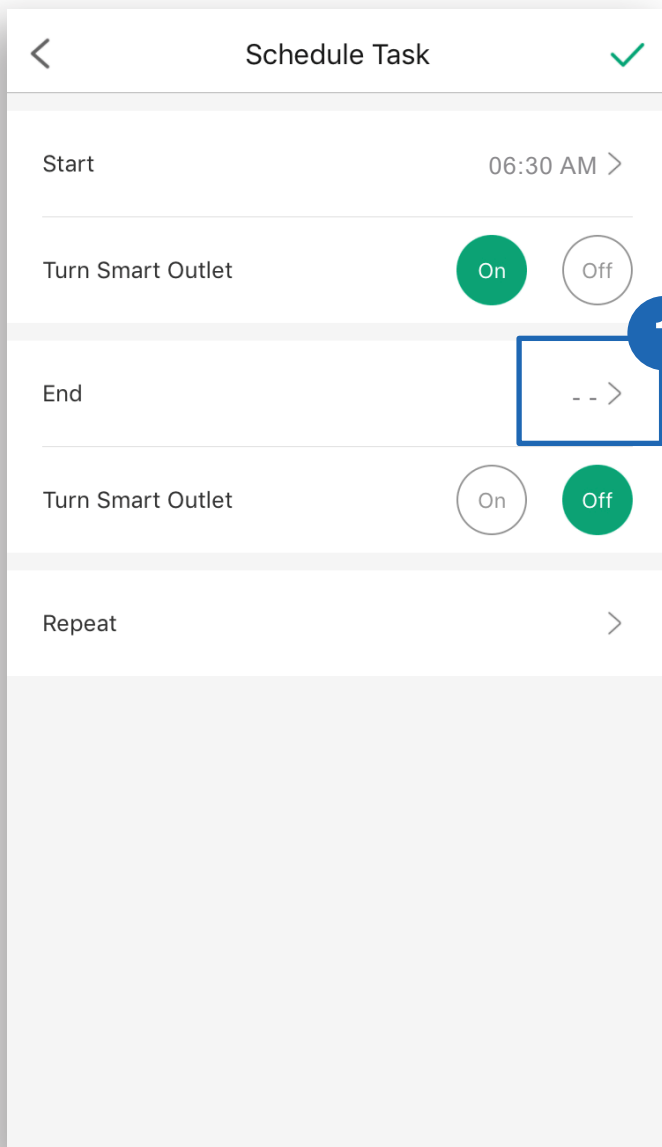
D. Choose **On** or **Off** at end time.

Schedule Task	

Start — 06:30 AM >

Turn Smart Outlet — On / Off

End — 06:30 PM >

Turn Smart Outlet — On / **Off**

Repeat >

24

E. **Repeat** (*Optional*) - Select days you want this task to repeat.

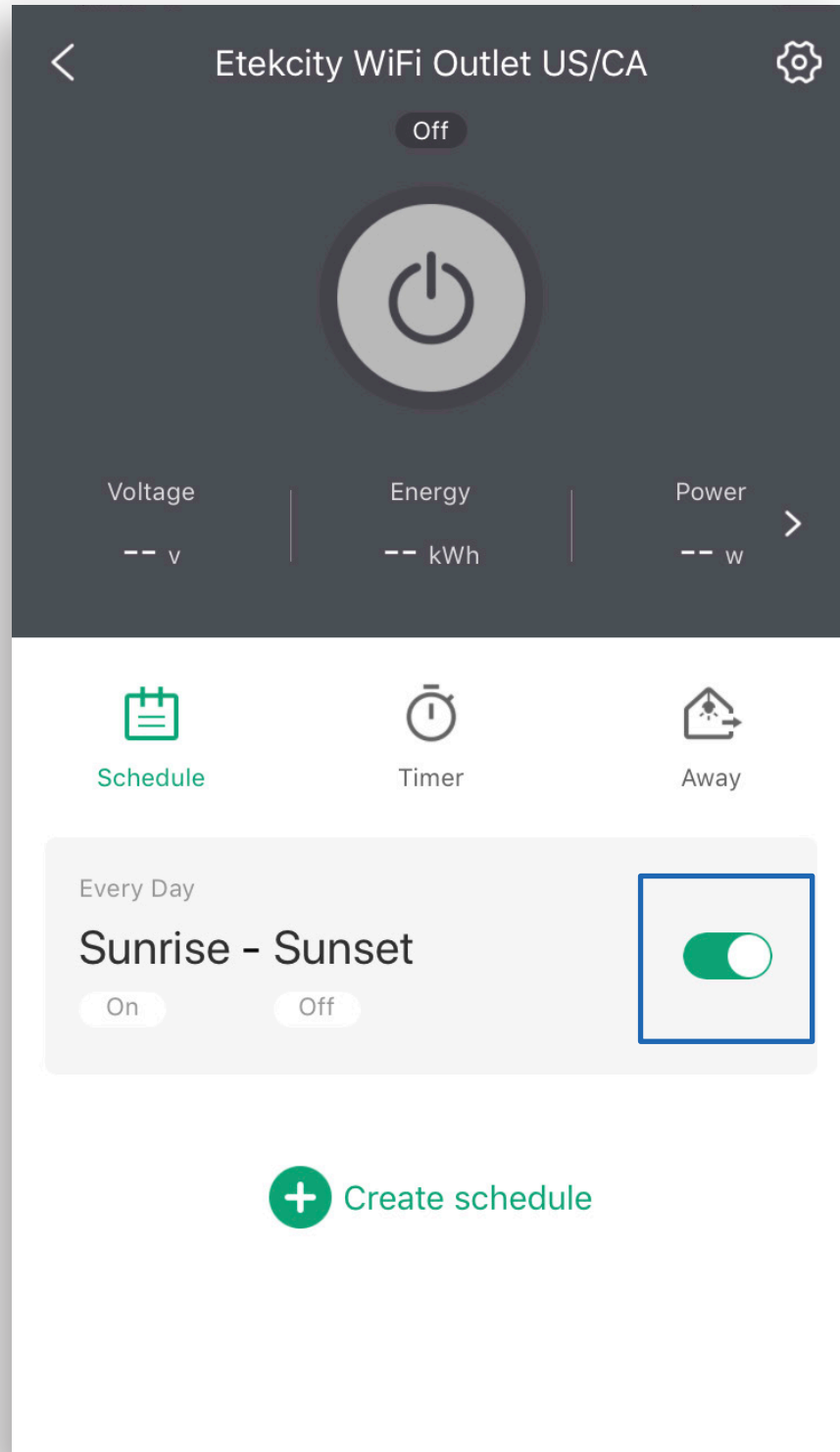|	Repeat	
Never		
Every Day		
Every Weekday(Monday to Friday)		✓
Sunday		
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		

3. Turn the schedule on or off on the smart outlet page by tapping the toggle next to the scheduled time.
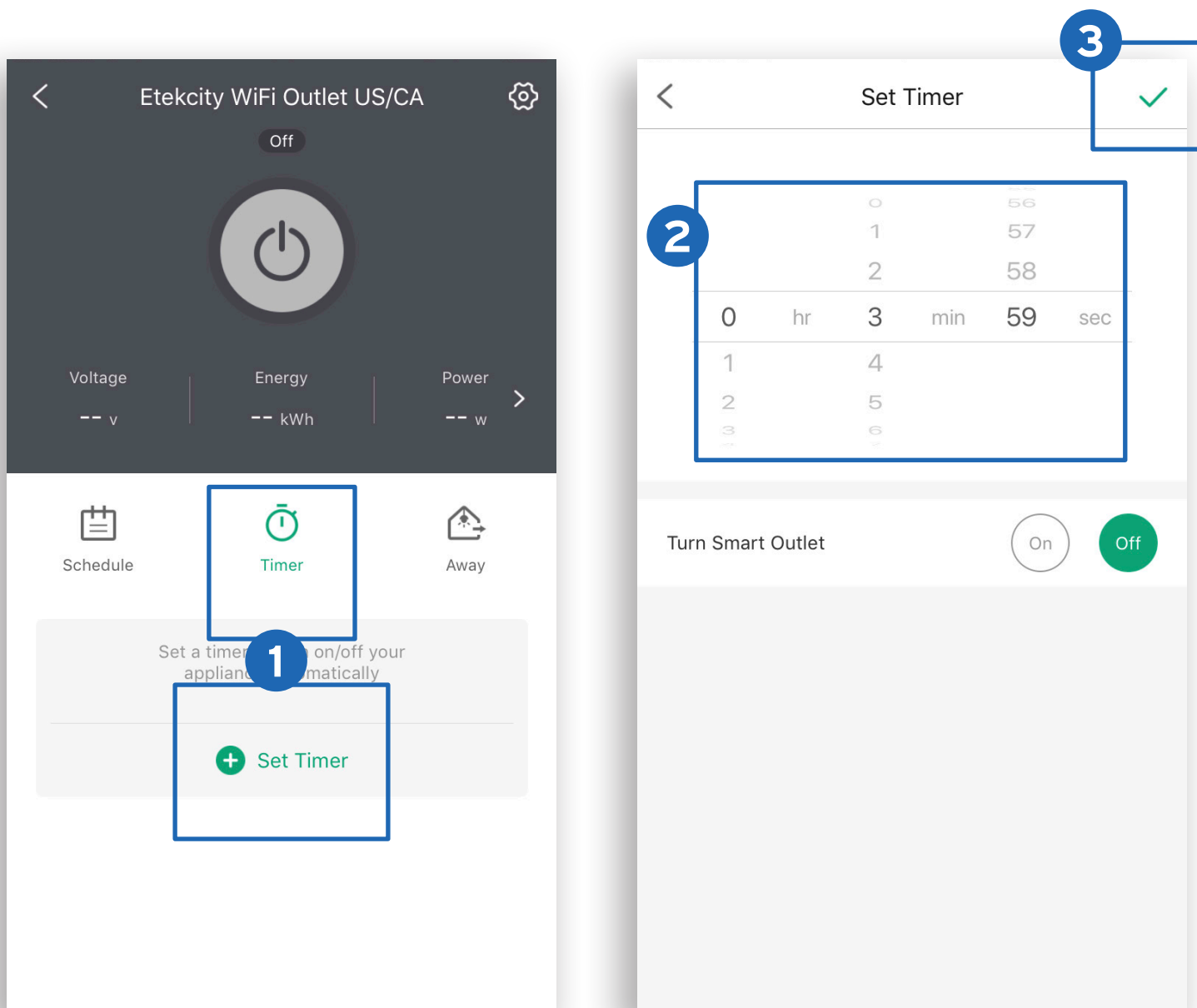
Set Timer
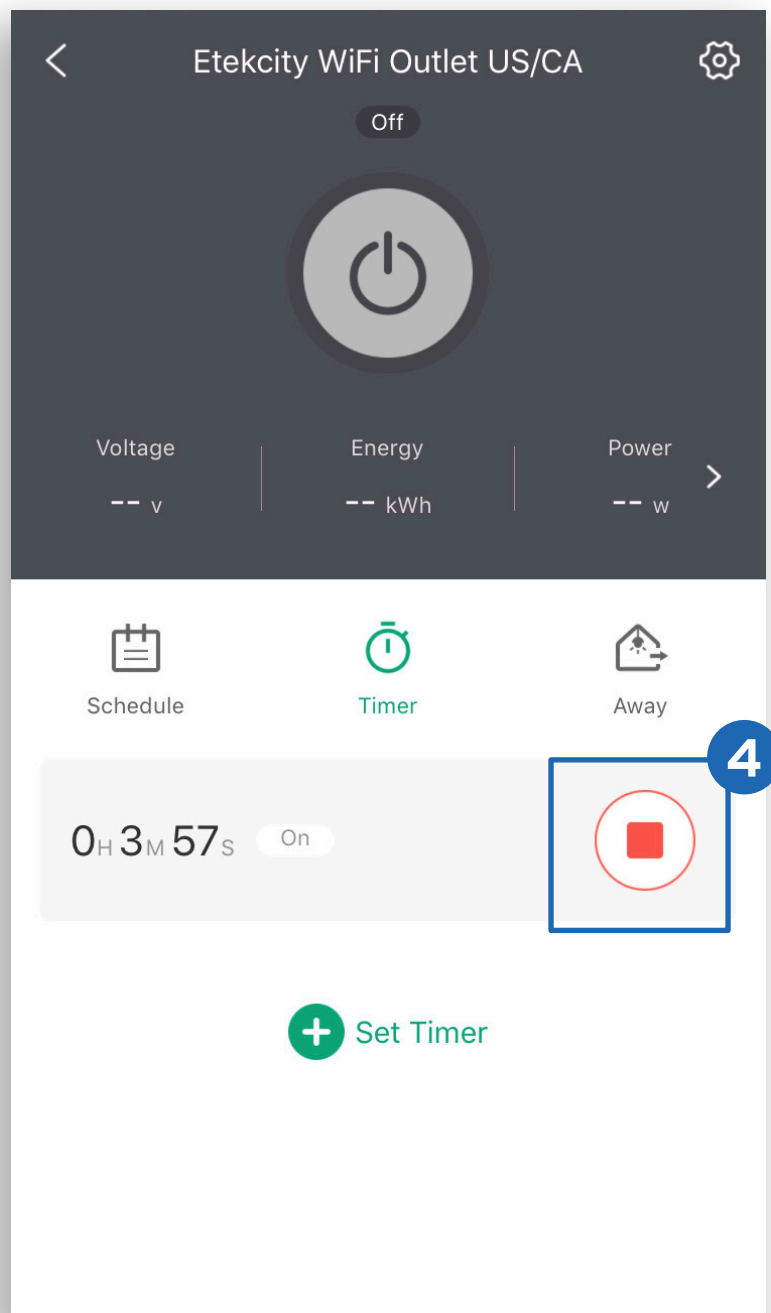
You can create a timer to turn your smart outlet on and off.

1. Tap **Timer**. Then, **Set Timer**.
2. Scroll up and down to set time and select **On** or **Off**.
3. Tap ✓ to confirm and start timer. Timer will start automatically.

4. Tap ⏹ to cancel the timer. Tap ▶ to restart the timer.

Note:

- *If you selected On, the timer will turn on after the timer ends.*
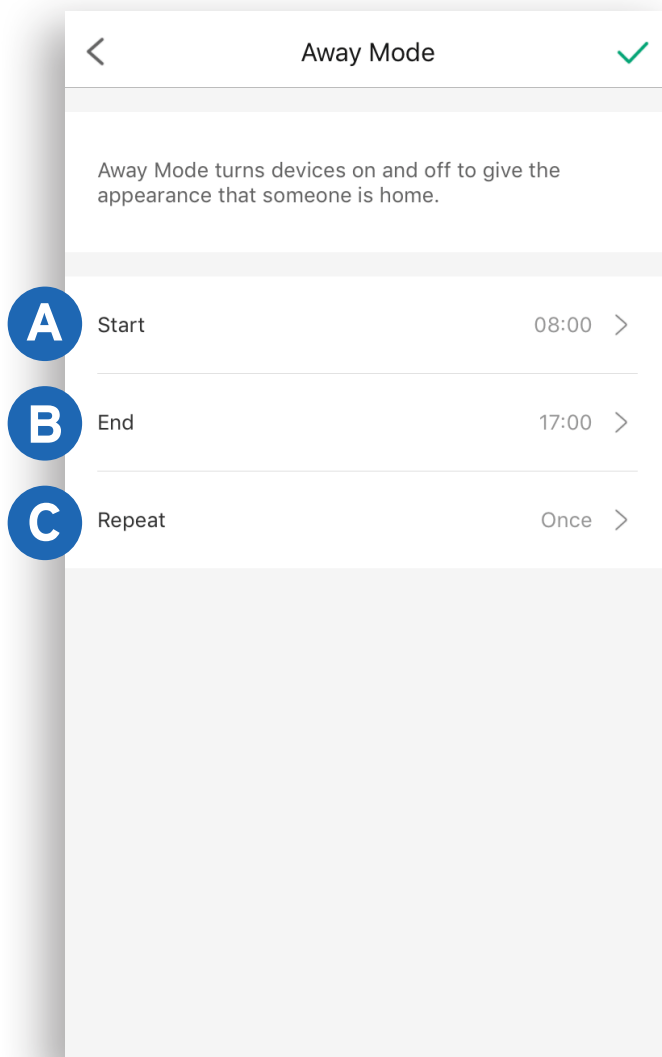- *To remove the timer entry, tap on the timer entry, then tap Delete.*

Away Mode

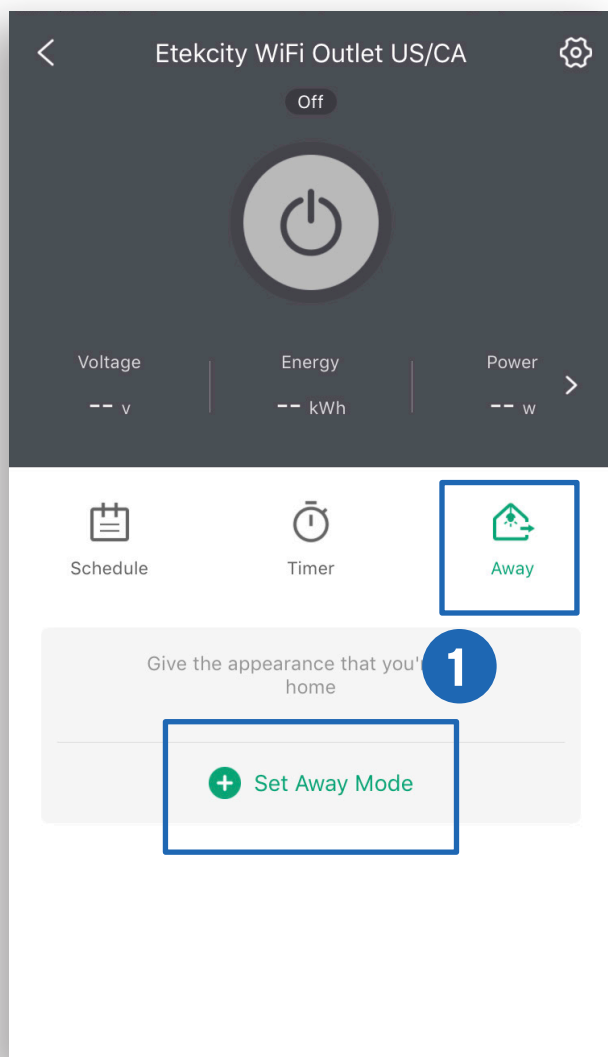When you have a light plugged into your smart outlet, you can use the **Away Mode** timer to turn your light on and off to give the appearance that someone is home.
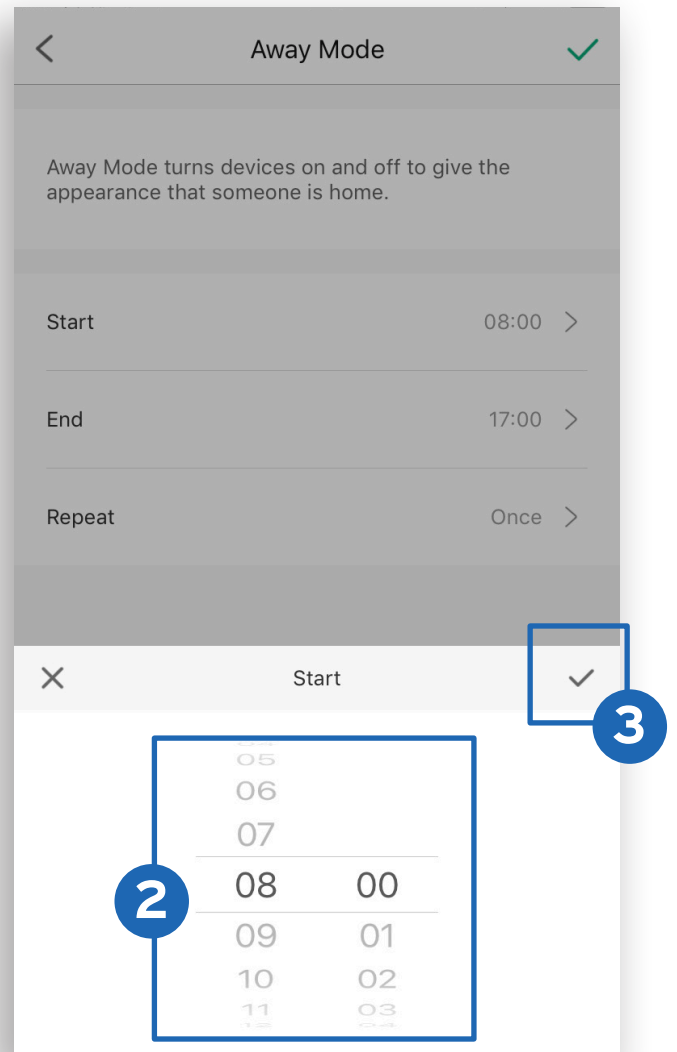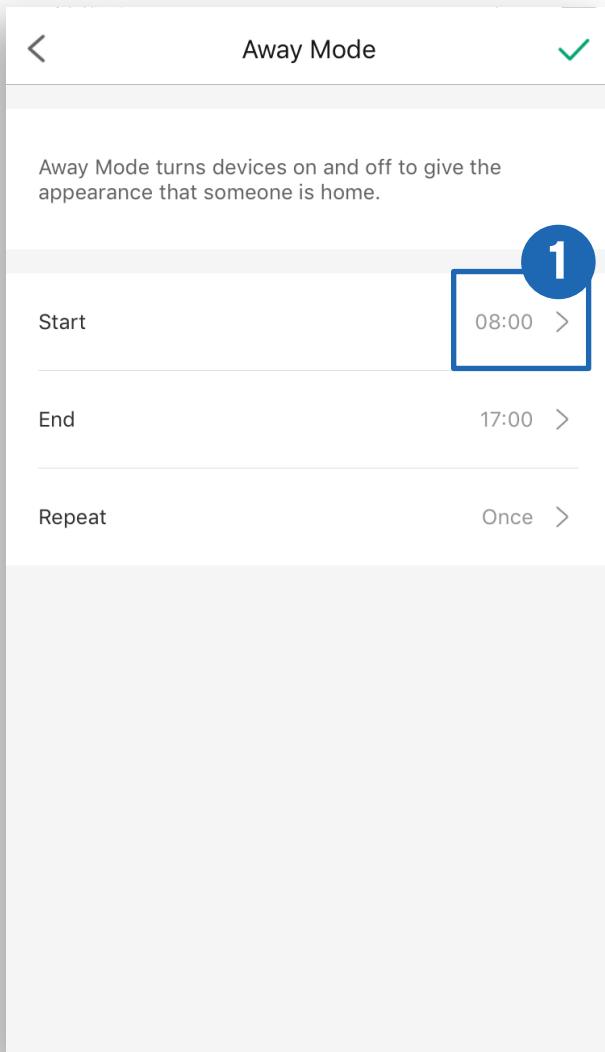
1. Tap **Away**, then **Set Away Mode**.
2. Select an option from the "**Away Mode**" page.

A. Start

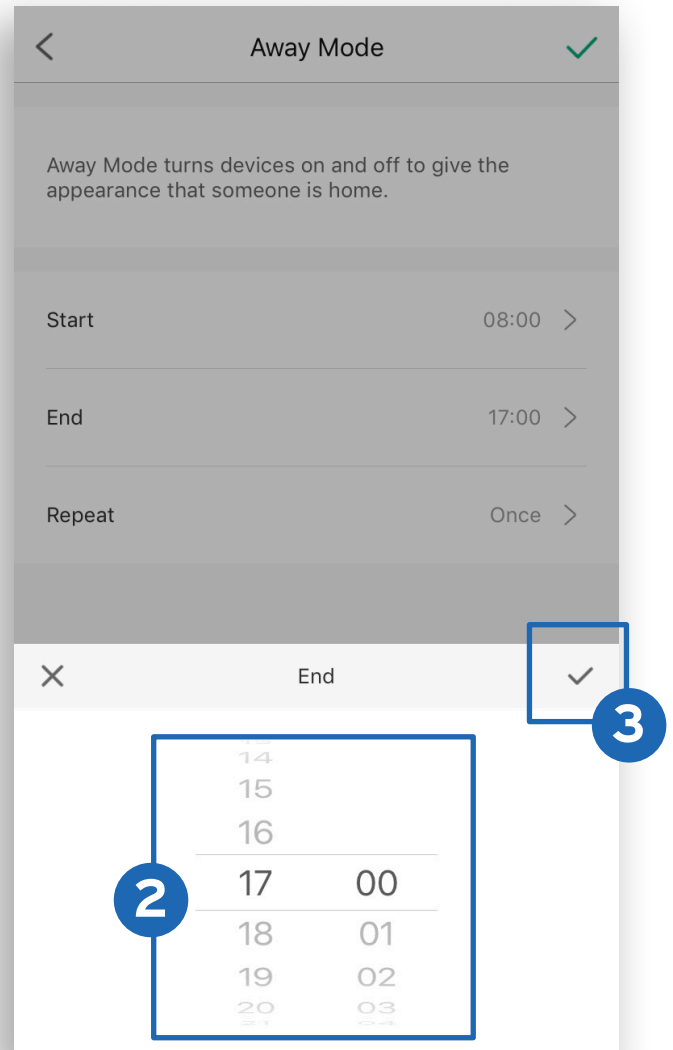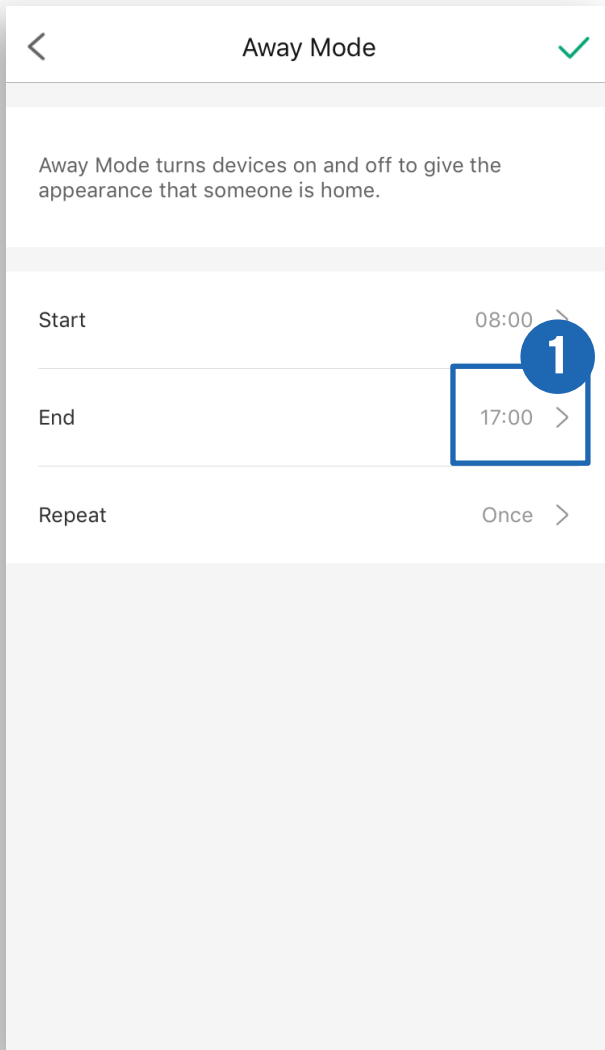Sets time to start Away Mode

1. Tap > next to "**Start**".
2. Scroll up and down to select time.
3. Tap ✓ to confirm.

B. End

Sets time to end Away Mode

1. Tap **>** next to "**End**".
2. Scroll up and down to select time.
3. Tap ✓ to confirm.

C. Repeat

Select days you want to repeat Away Mode

1. Tap **>** next to "**Repeat**".
2. Select days you want this task to repeat.
3. Tap ✓ to confirm.

<	Away Mode	✓

Away Mode turns devices on and off to give the appearance that someone is home.

Start	08:00 >
End	17:00 >
Repeat	Once >

1

<	Repeat	
Never		✓

3

Every Day	
Every Weekday(Monday to Friday)	
Sunday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

2
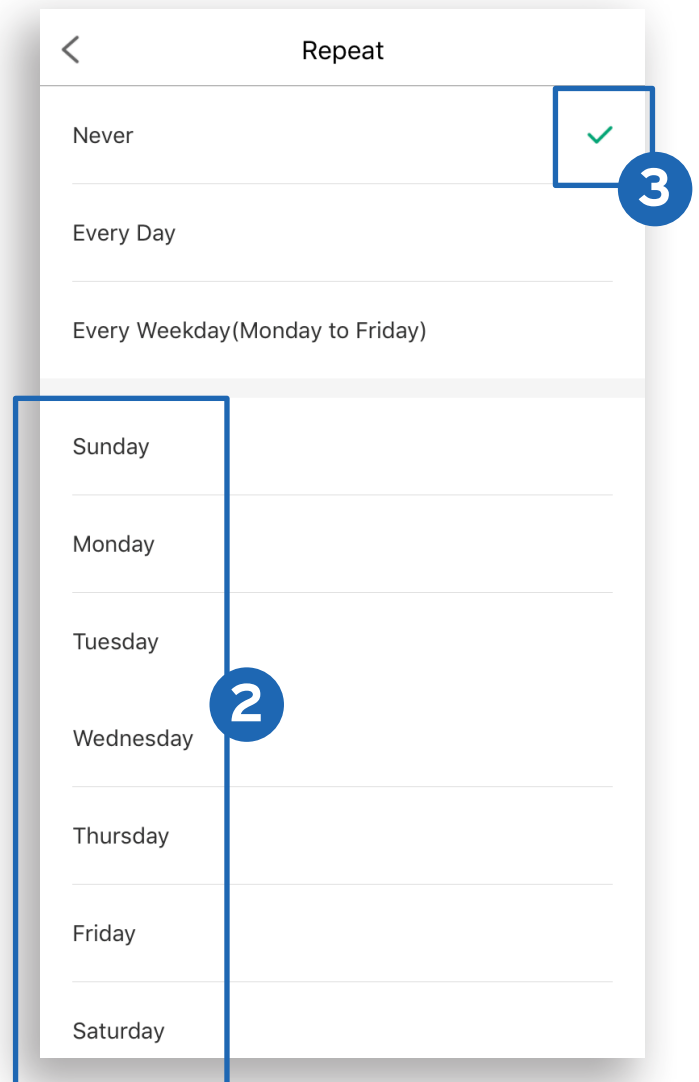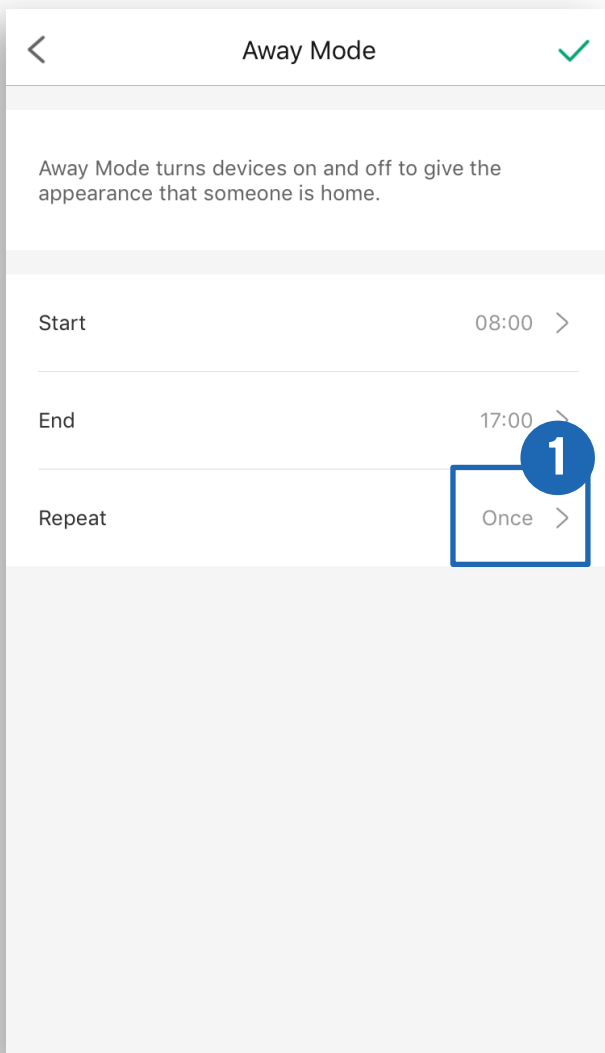
3. You can turn the **Away Mode** timer on/off at any time by tapping the toggle button to the right of the timer.
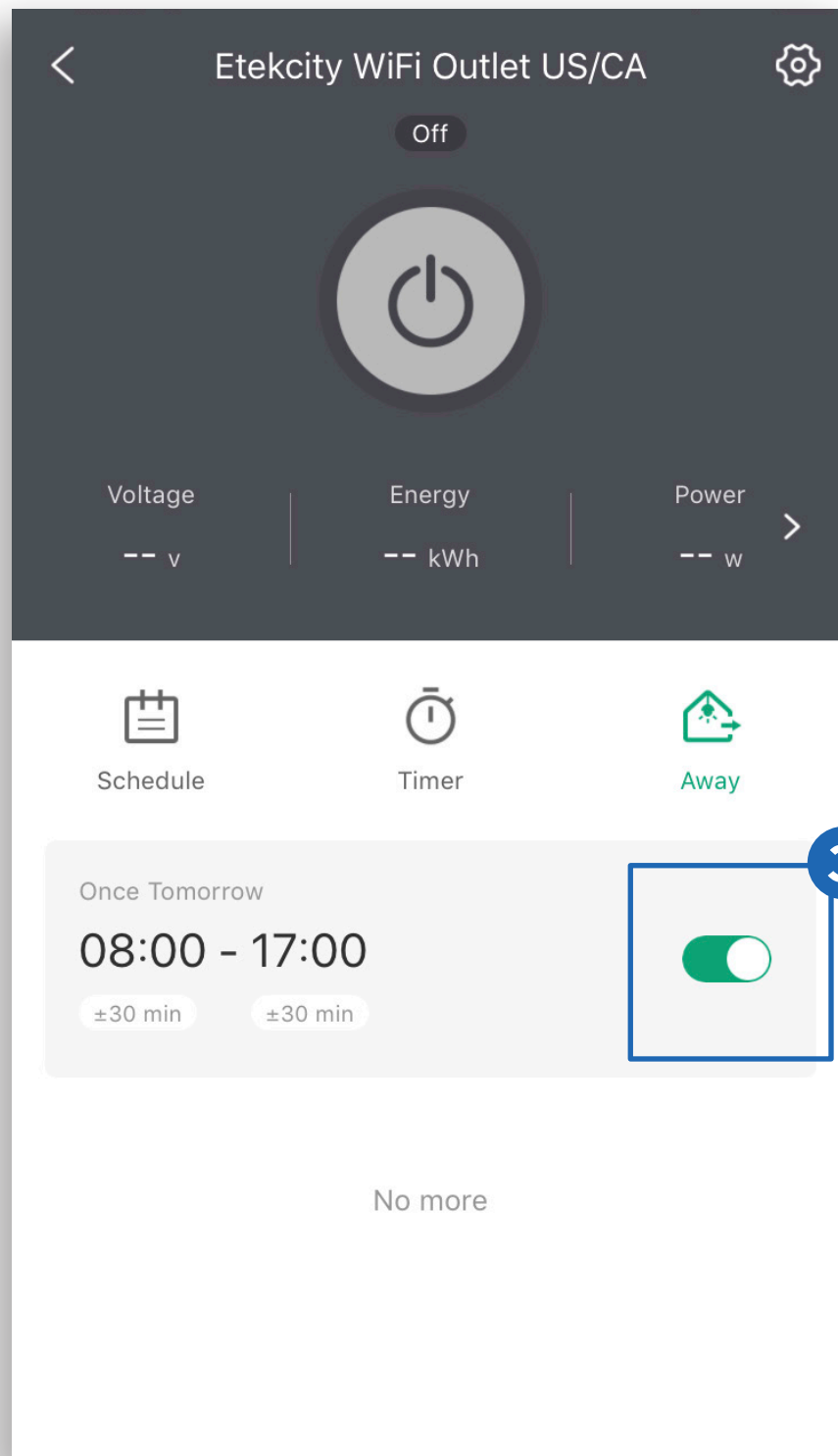
Smart Outlet Settings

Tap ⚙ to see Device Settings. The Device Settings menu allows you to:

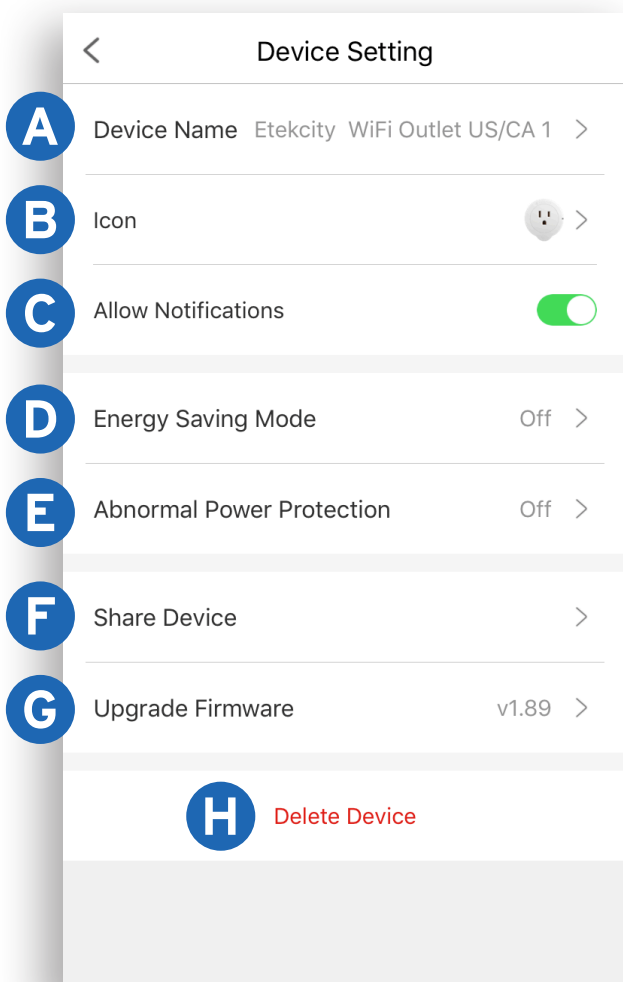| Device Setting		
A Device Name	Etekcity WiFi Outlet US/CA 1	>
B Icon		>
C Allow Notifications		⬤
D Energy Saving Mode	Off	>
E Abnormal Power Protection	Off	>
F Share Device		>
G Upgrade Firmware	v1.89	>
H Delete Device		

A. Edit your smart outlet name.

B. Edit your smart outlet picture.

C. Turn smart outlet notifications on/off.

D. Turn on/off Energy Saving Mode (see page 33).

E. Turn on/off Abnormal Power Protection (see page 34).

F. Share your smart outlet (see page 35).

G. Upgrade Firmware.
  • Tap to update firmware.

H. Delete your smart outlet (see page 36).

Energy Saving Mode

The VeSync App allows you to program your smart outlet to save on energy costs by turning off your appliance when the maximum cost setting is reached.

1. Tap the toggle switch to turn Energy Saving Mode on 🟢 and off ⚪ .
2. Enter the Cost per KWh and Max Cost.
3. Tap ⌄ to switch between the monetary units, EUR or USD.
4. Tap ✓ to confirm.
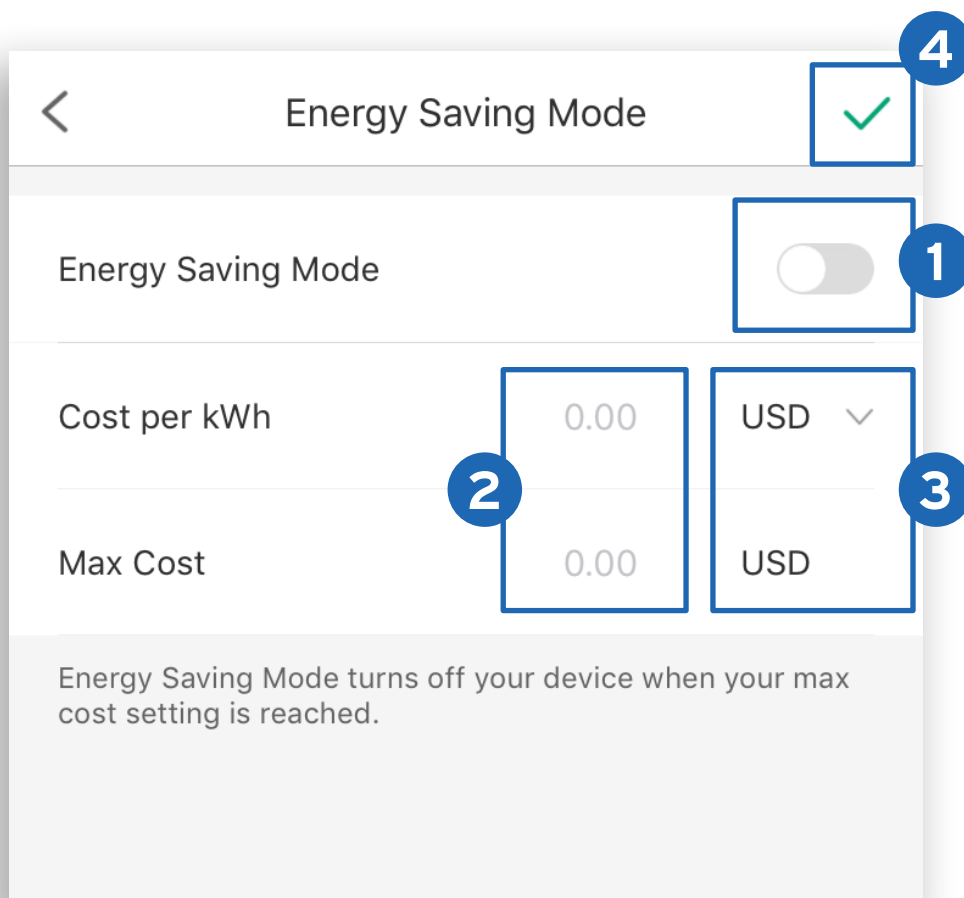
Abnormal Power Protection

Turn on the Power Protection to protect your connected appliances from power spike damage.

1. Tap the toggle switch to turn Power Protection on ⬤▬ and off ▬◯ .
2. Enter Threshold.
3. Tap ✓ to confirm.
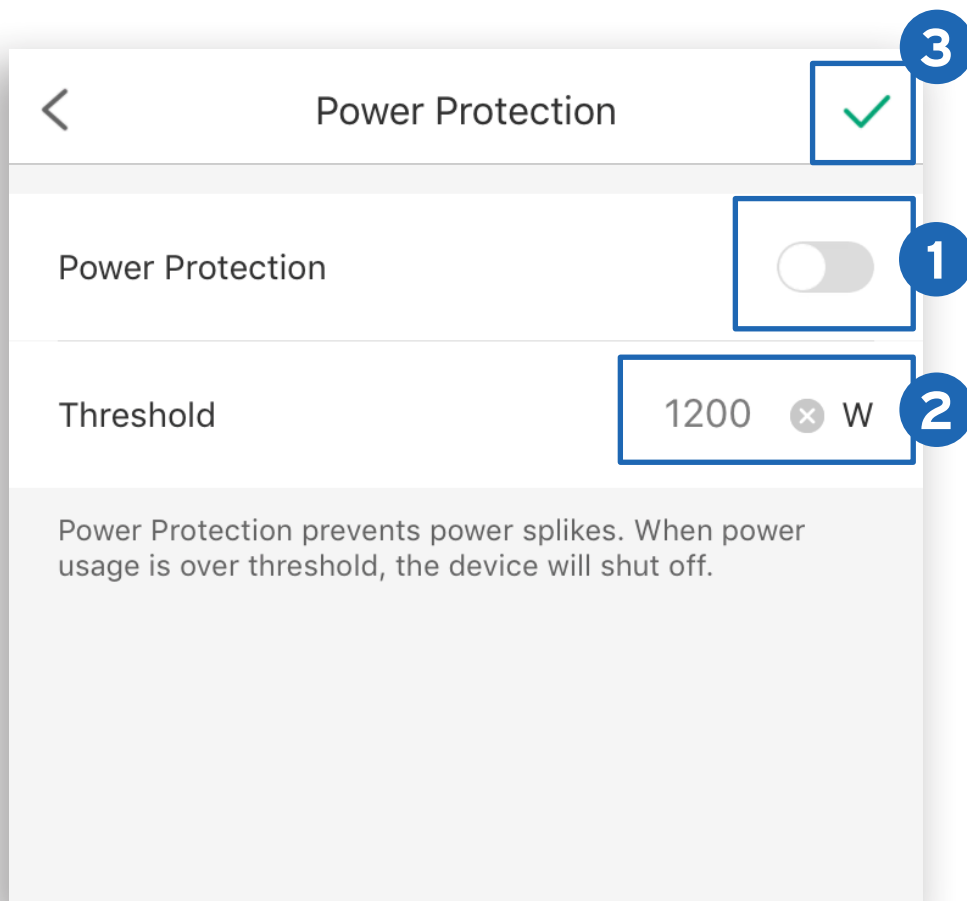
Share Your Smart Outlet

Use Share Device to allow someone else to control your smart outlet (such as family, friends, roommates, or anyone you choose).

Note: *People who you share your smart outlet with cannot edit or delete any of your device settings.*

1. Tap **+**.
2. Type in the email of the person you want to share your device with. Tap **Invite**.
3. Tap 🗑 to remove people you have shared your device with. They will no longer be able to control your smart outlet.
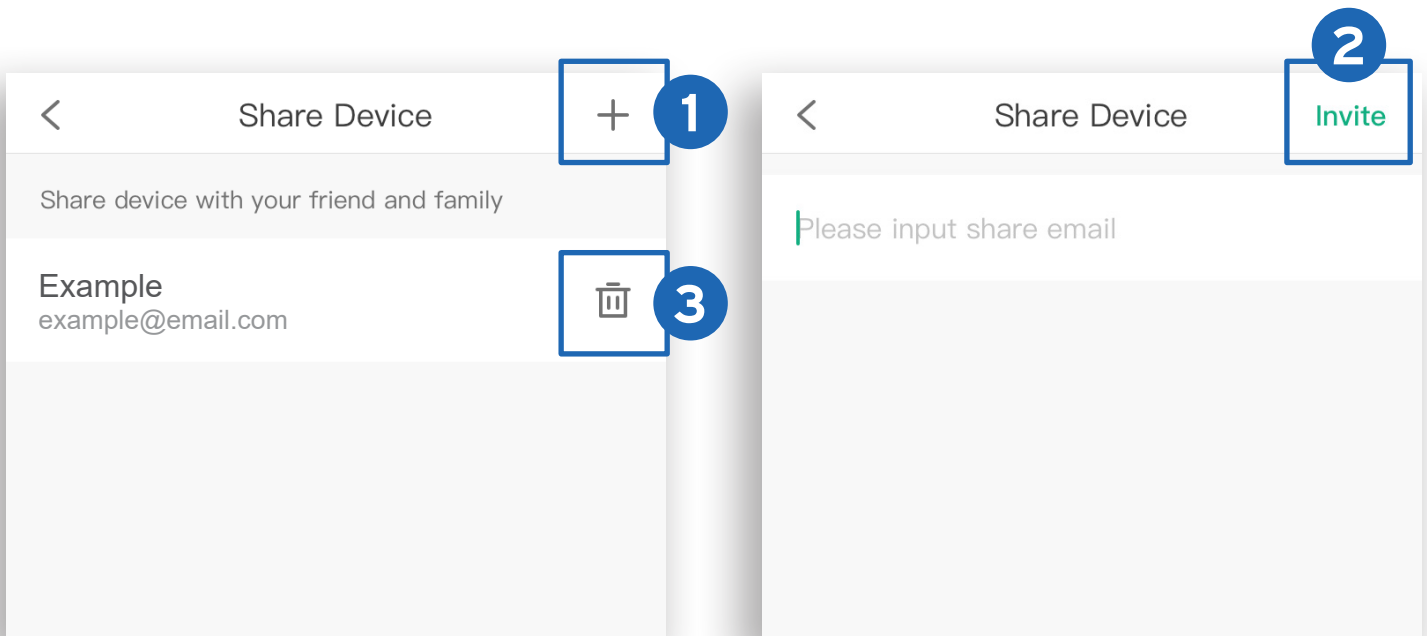
Delete a Smart Outlet

A. You can delete your smart outlet from the VeSync app from the "**Device Settings**" screen. To delete your device, tap **Delete Device**.

B. You can also delete your smart outlet from the "**My Home**" screen in the VeSync app.

      a. iOS™: Swipe left on the smart outlet's name to delete.

      b. Android™: Press and hold for 2 seconds on the smart outlet's name to delete.

A

Abnormal Power Protection	off >
Share Device	>
Upgrade Firmware	v1.0.06 >

Delete Device

B

a

My Home

Devices +

kcity WiFi Outlet US...   Delete

b

My Home

Devices +

Etekcity WiFi Outlet US...
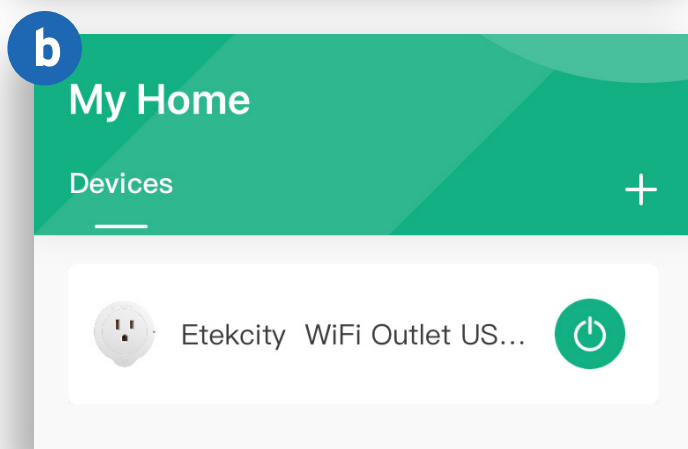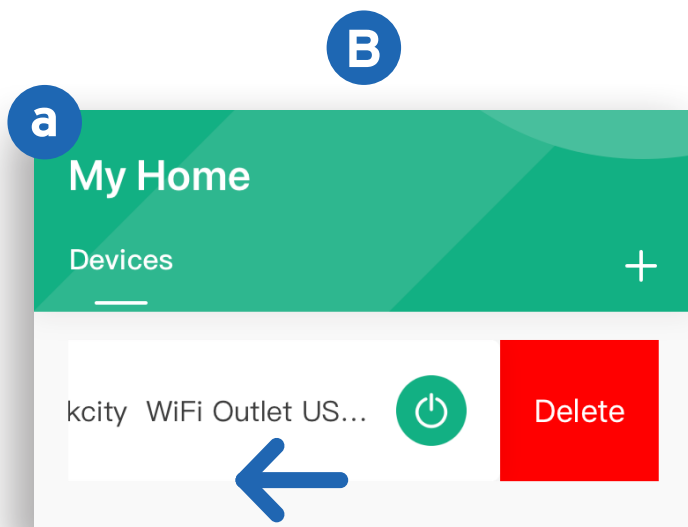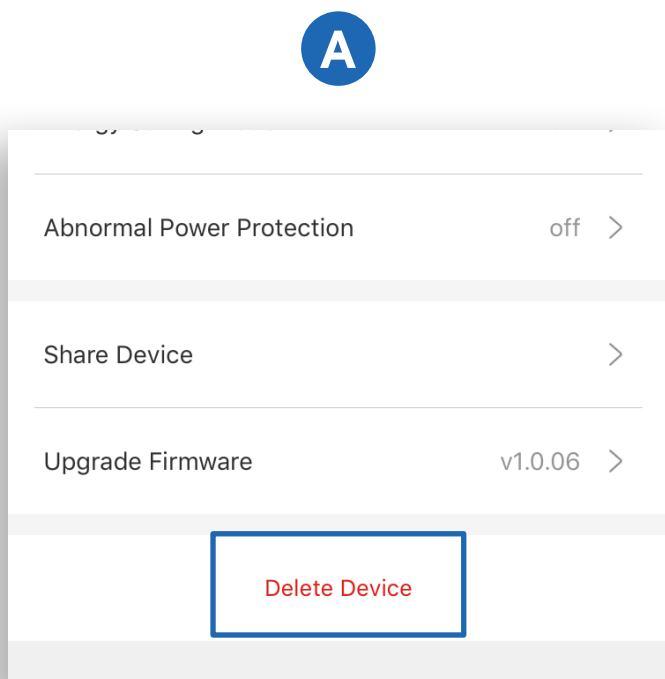
More Features

On the "**My Home**" page, tap **More**, for more features.

Connecting with Amazon® Alexa™

To view instructions on the VeSync app, tap **More**, then tap **Link to Alexa**.

> **Note:** *You must create your own VeSync account to connect with Alexa.*

Connecting with Google Home™

To view instructions on the VeSync app, tap **More**, then tap **Link to Google Assistant**.

> **Note:** *You must create your own VeSync account to connect with Google Home.*

Log Out

1. On the "**My Home**" screen, tap **More**.
2. Tap your profile, then tap **Log Out**.

   Note: *You do not need to log out if you are not using a VeSync account.*
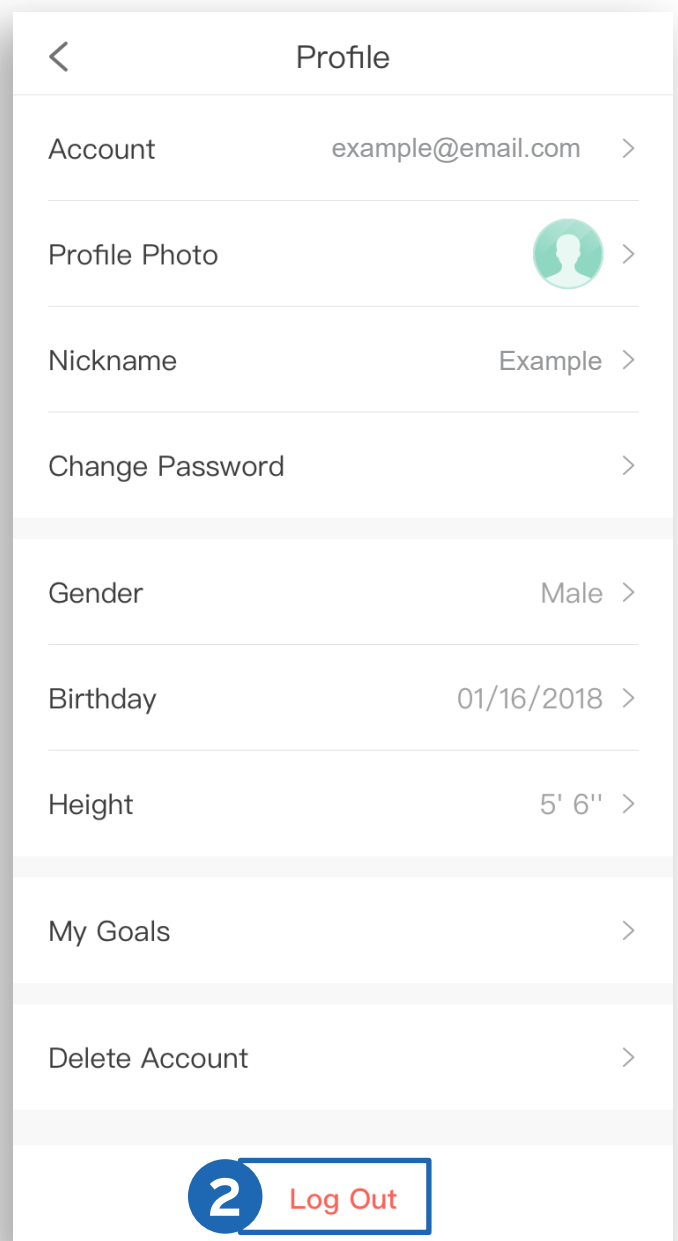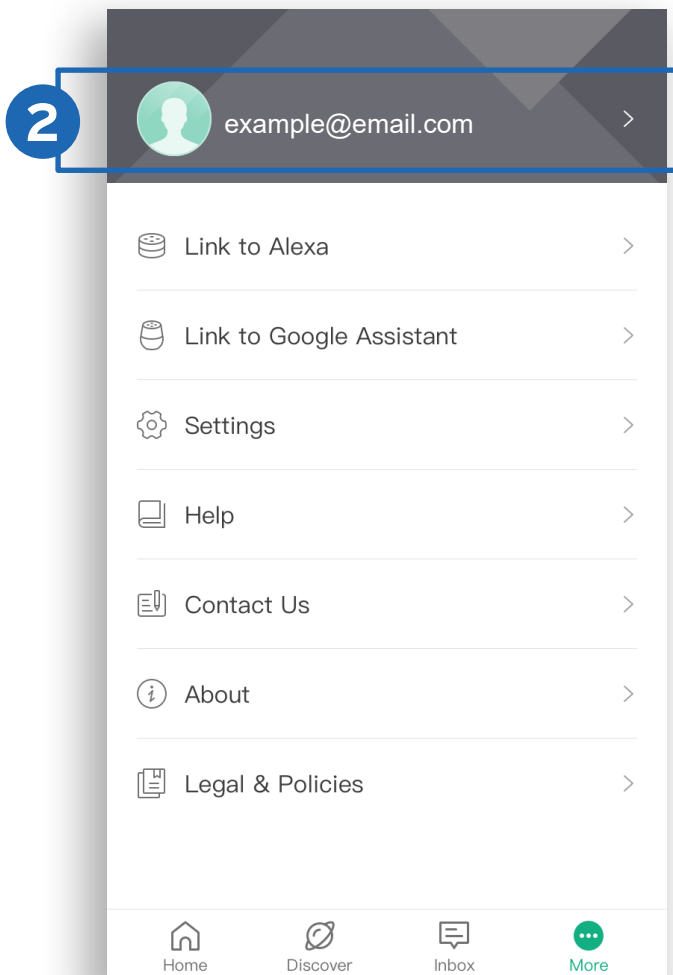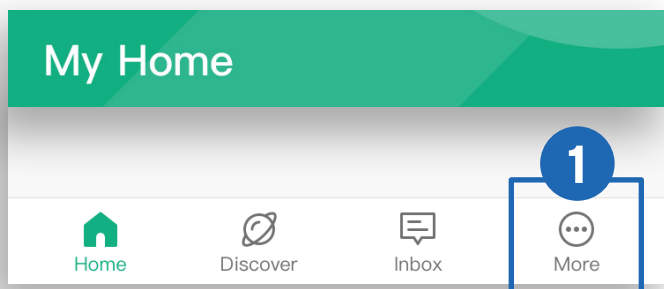
IFTTT

Pairing Your Smart Outlet with IFTTT

1. Download the IFTTT app from the App Store or Google Play store.
2. Open the app and tap **sign up** or **sign in**.
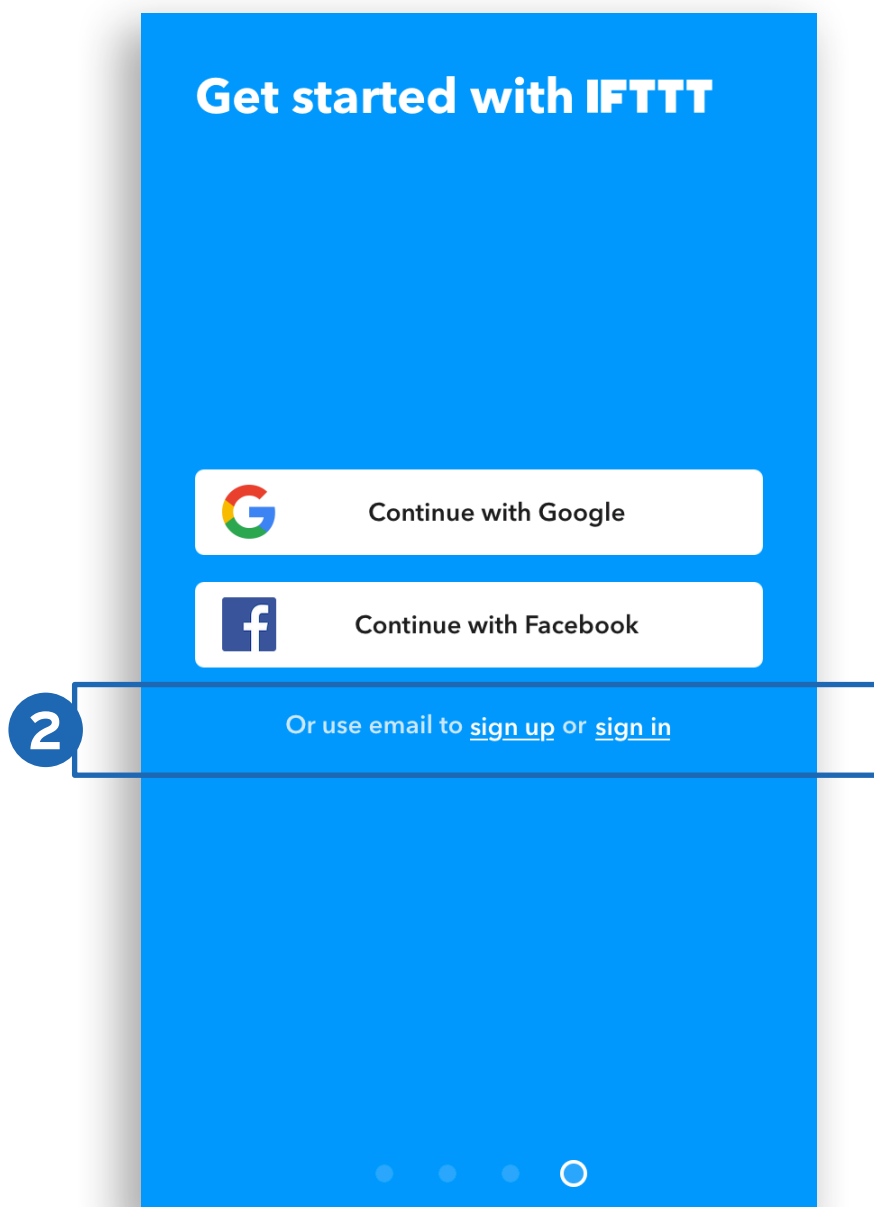
3. Tap 🔍 .

4. Enter "**VeSync**" and tap **Services**.
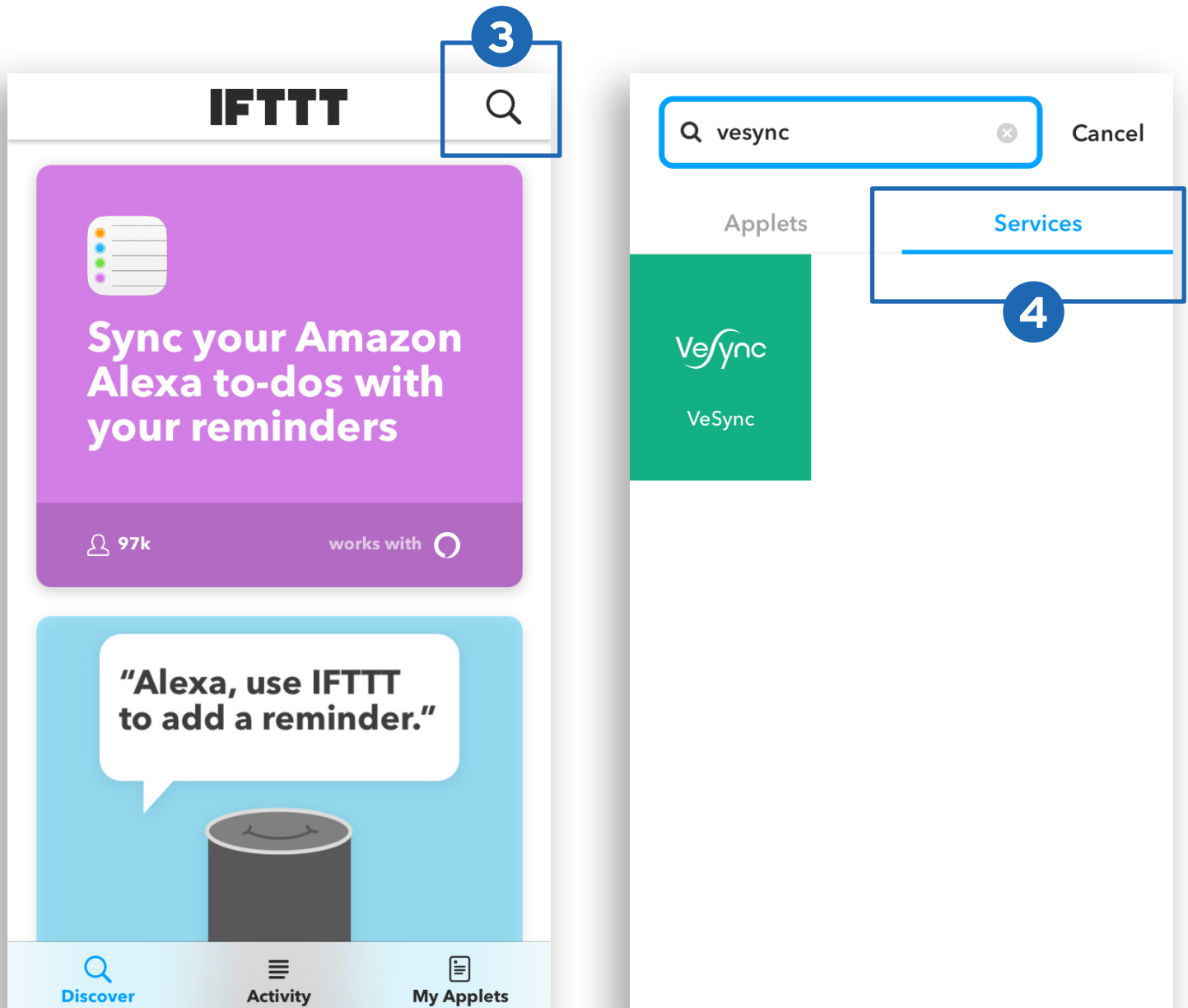
5. Tap **Connect**.
6. Enter your VeSync account details and tap **Authorize**.
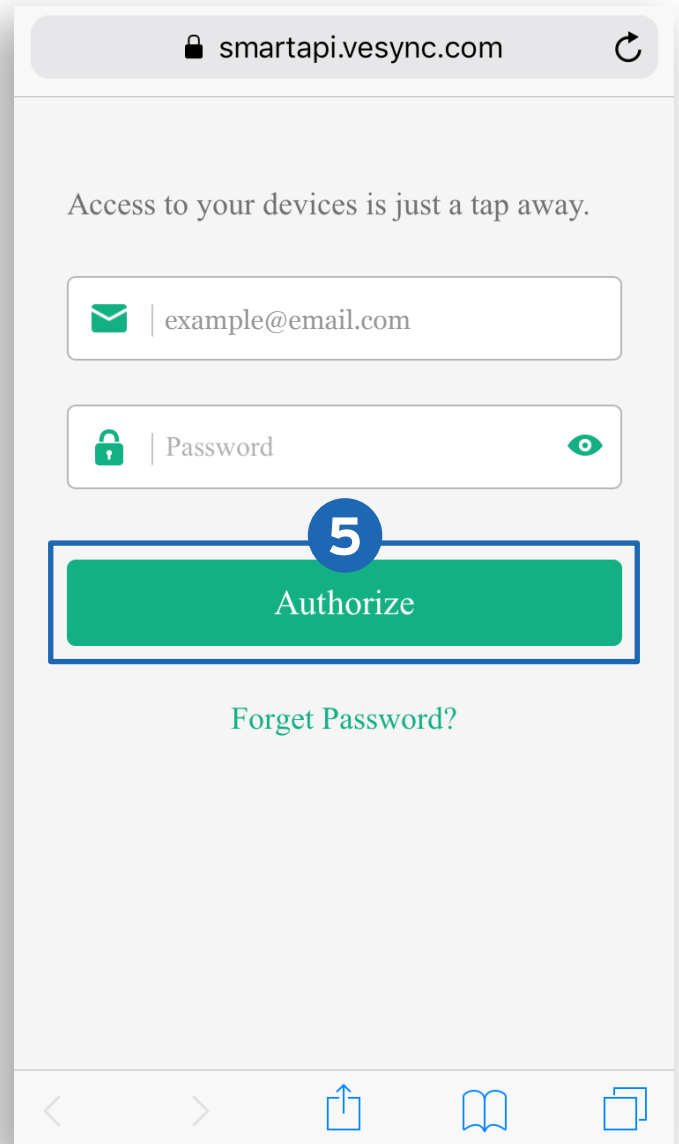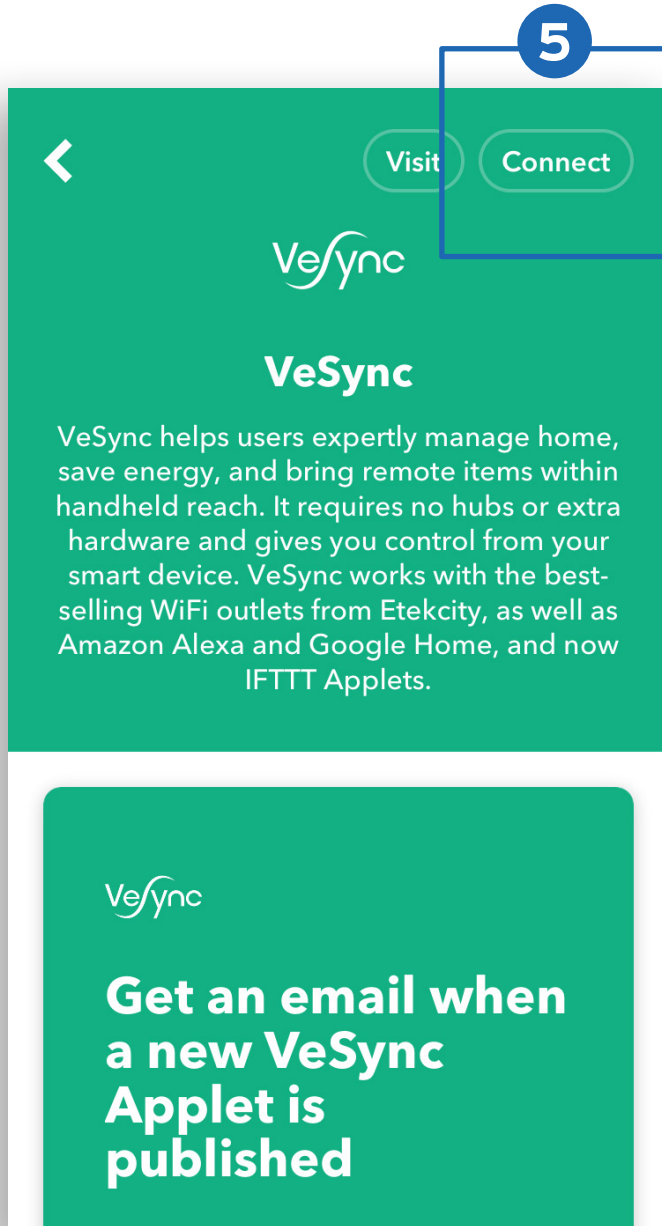
Create an Applet Using Existing VeSync Templates

1. Open the IFTTT app and tap **My Applets**.
2. Tap **Services** and tap **VeSync**.
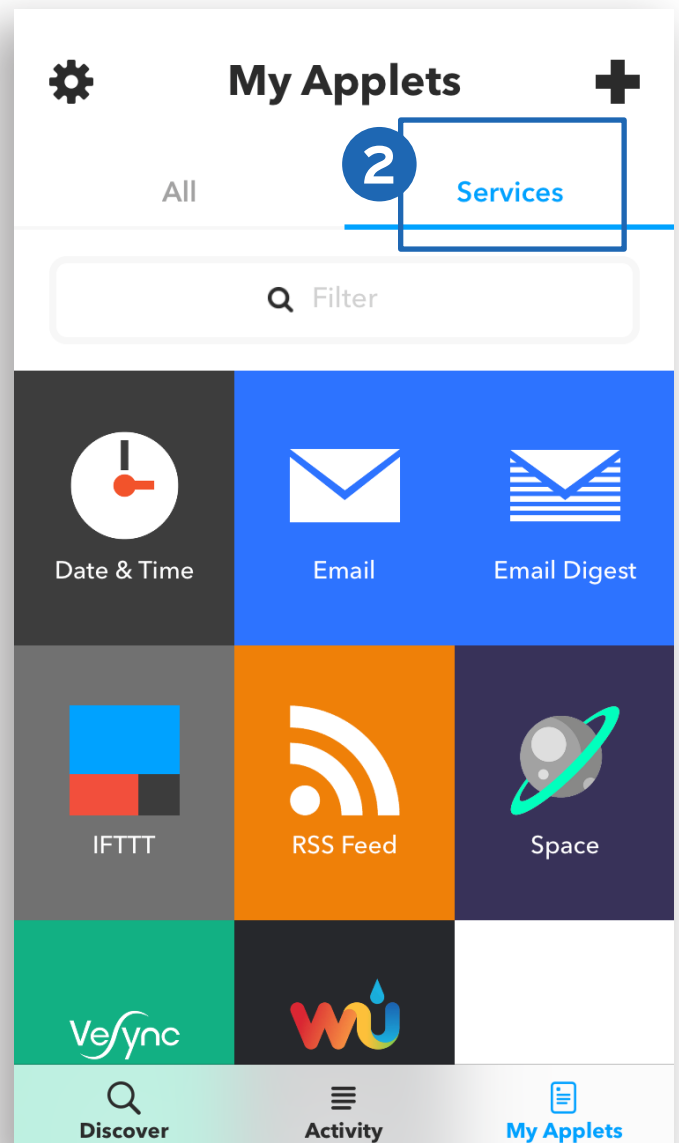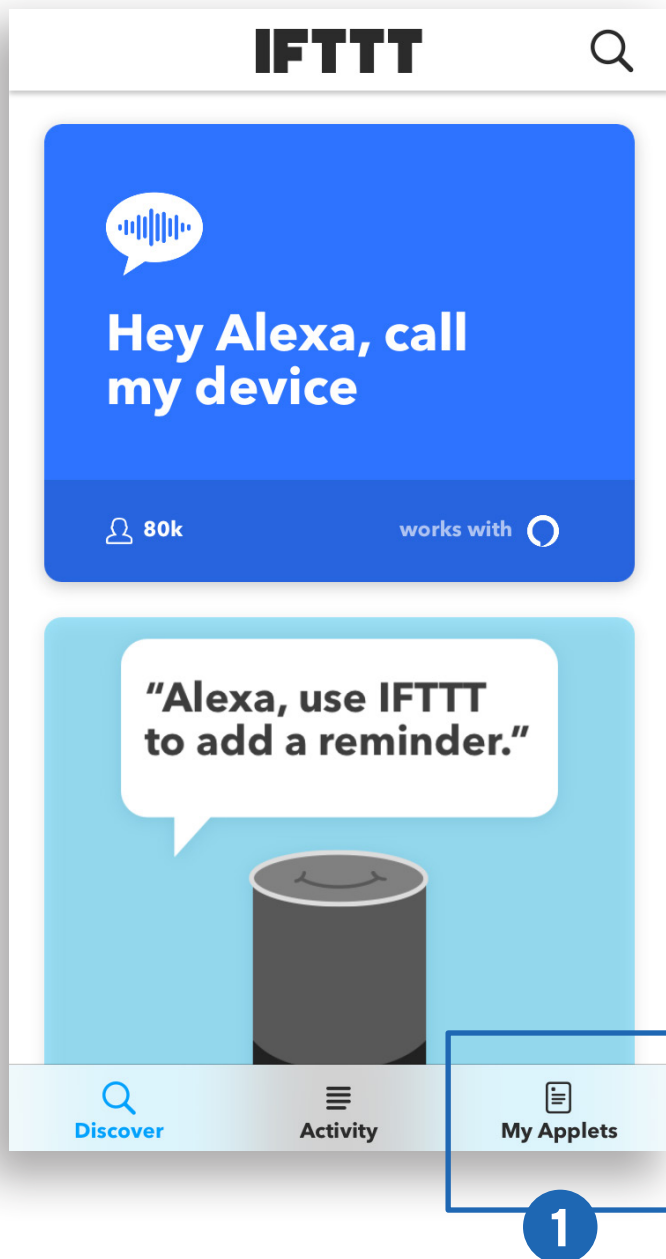
3. Scroll to search for an applet you want to use, such as "**Turn on a VeSync smart device at sunrise**" or "**Activate a device every day at a specific time**".

4. Slide the toggle switch to turn on the applet.
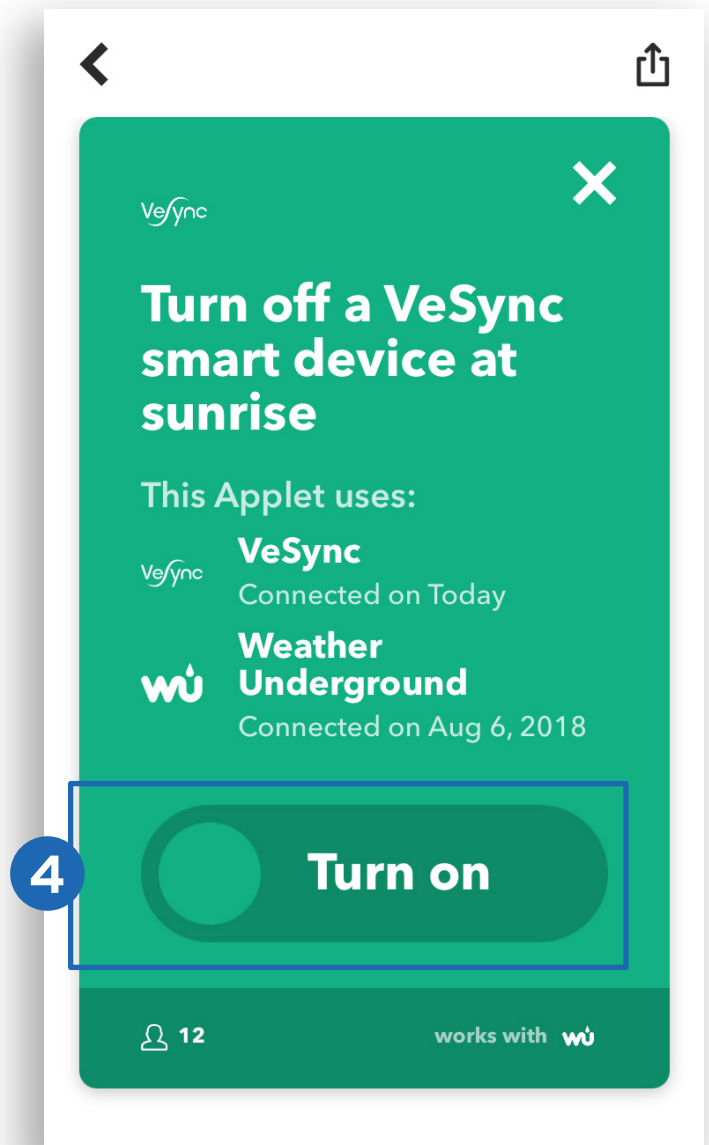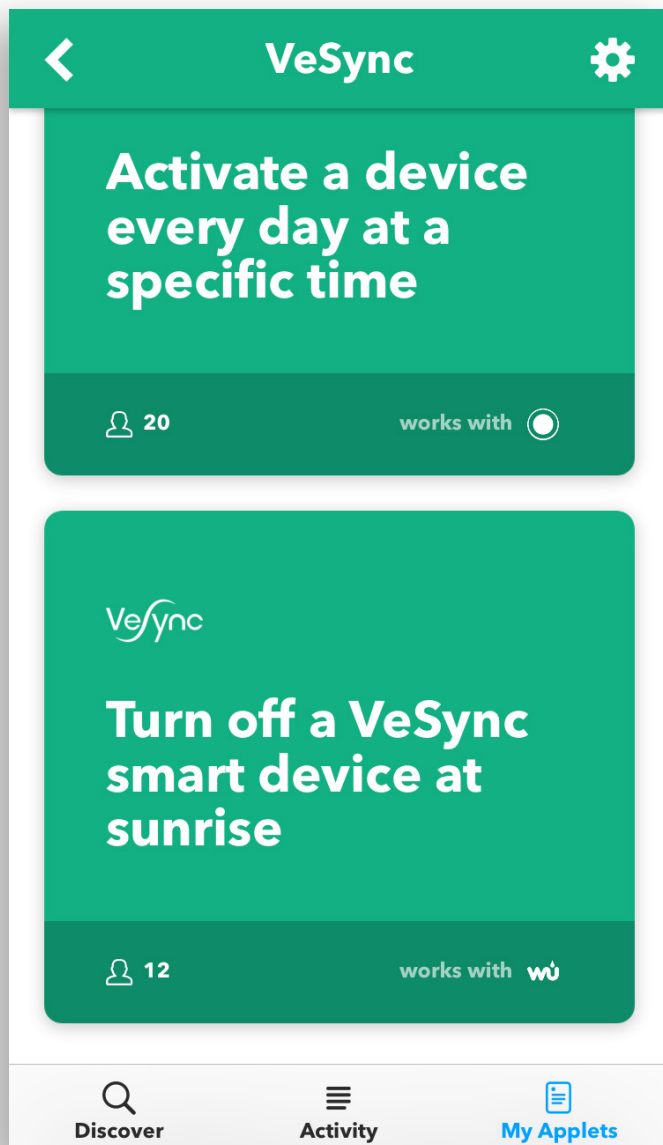
5. Under **Device**, select the smart outlet that you want the applet to apply to and tap **Save**.
6. The applet has been created successfully!

6

Configure

~~sunrise~~

Turn off a VeSync smart device within 15 minutes of the sunrise in your location.

Receive notifications when this Applet runs

VeSync

VeSync

Activate a device

your selected device on Vesync APP,will be activated.

Device

5

Etekcity WiFi Outlet US/CA 1 ⌄

Save

Applet turned on!
Here are some more you might like:

VeSync

Turn on a VeSync smart device at sunrise

⚇ 8   works with **wu**

wu

Get the weather forecast every day at 7:00 AM

Create a Custom Applet

1. On the **My Applets** screen, tap **+** .
2. Tap **+this** to add a Trigger Service.
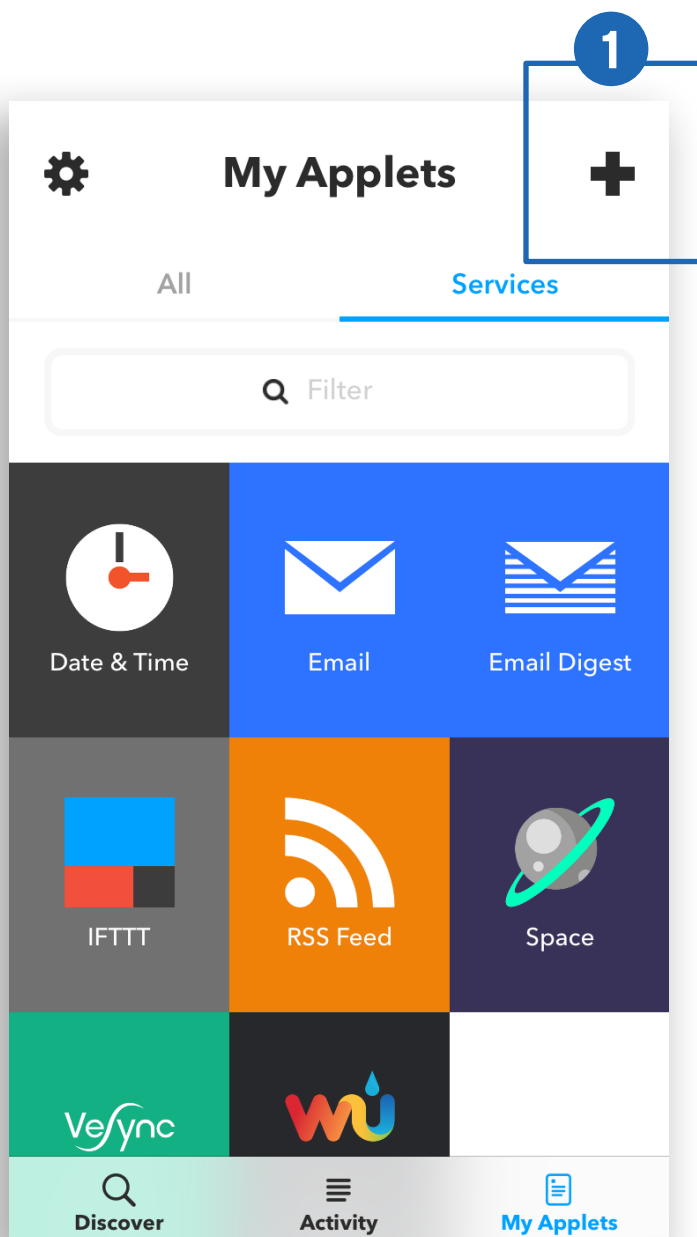
Example:

To trigger a service everyday at 11:45 PM:

    a.   Tap the **Date & Time** icon.

    b.   Tap **Every day at**.

    c.   Under "**Time**", select 11:45 PM.

Note: *Popular Trigger Services include Date & Time, Location, and an Alexa or Google Home Command. Different Trigger Services have different user interfaces.*
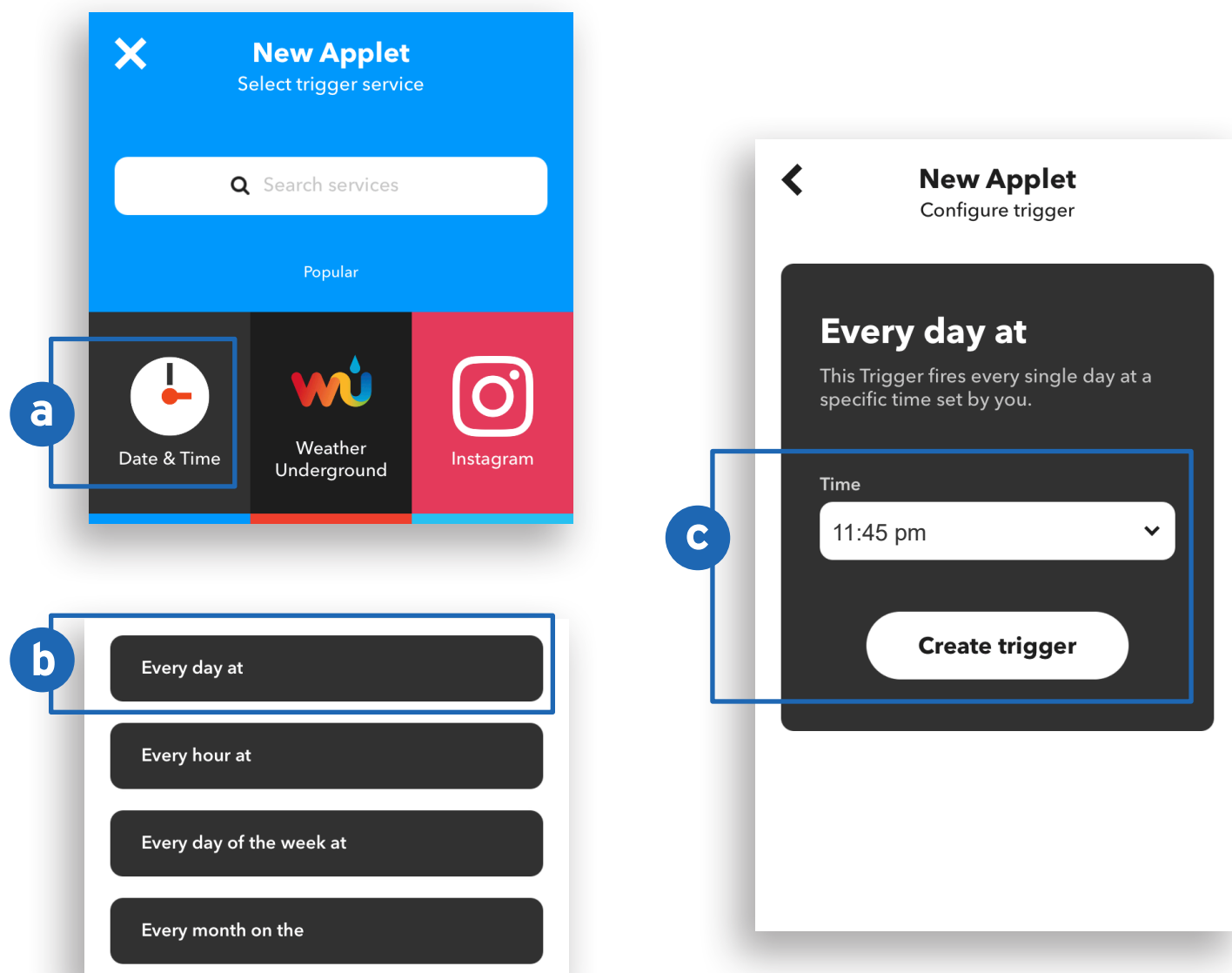
3. After selecting the Trigger Service, tap ➕**this** to enter an Action Service.

4. Tap the **VeSync** icon.
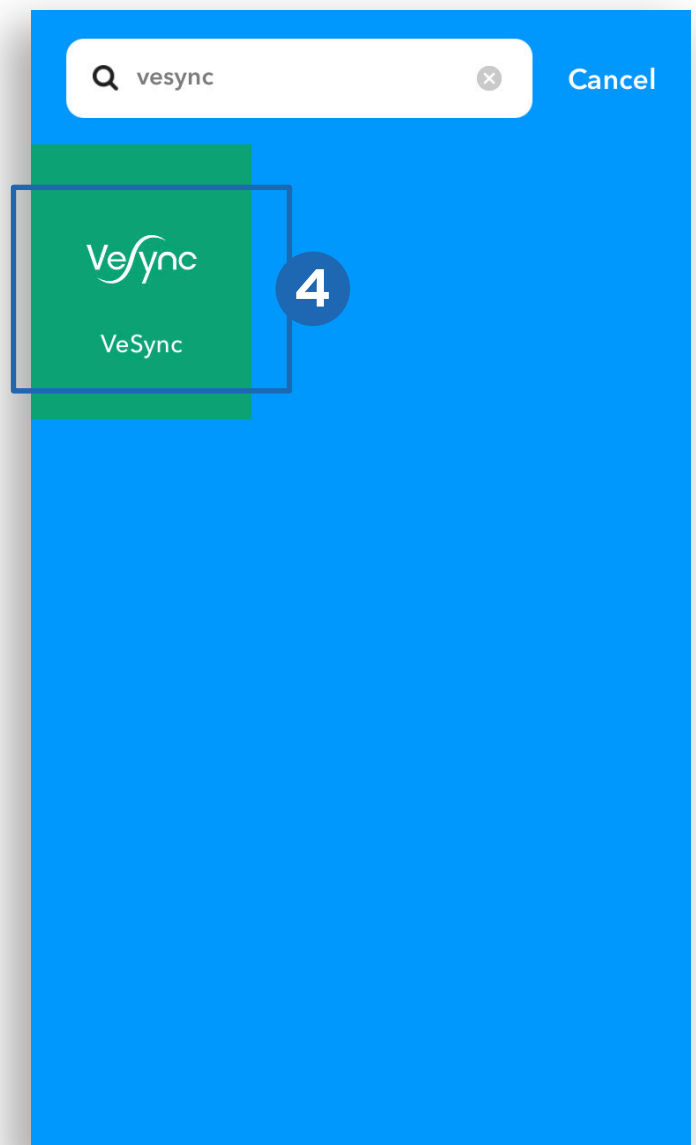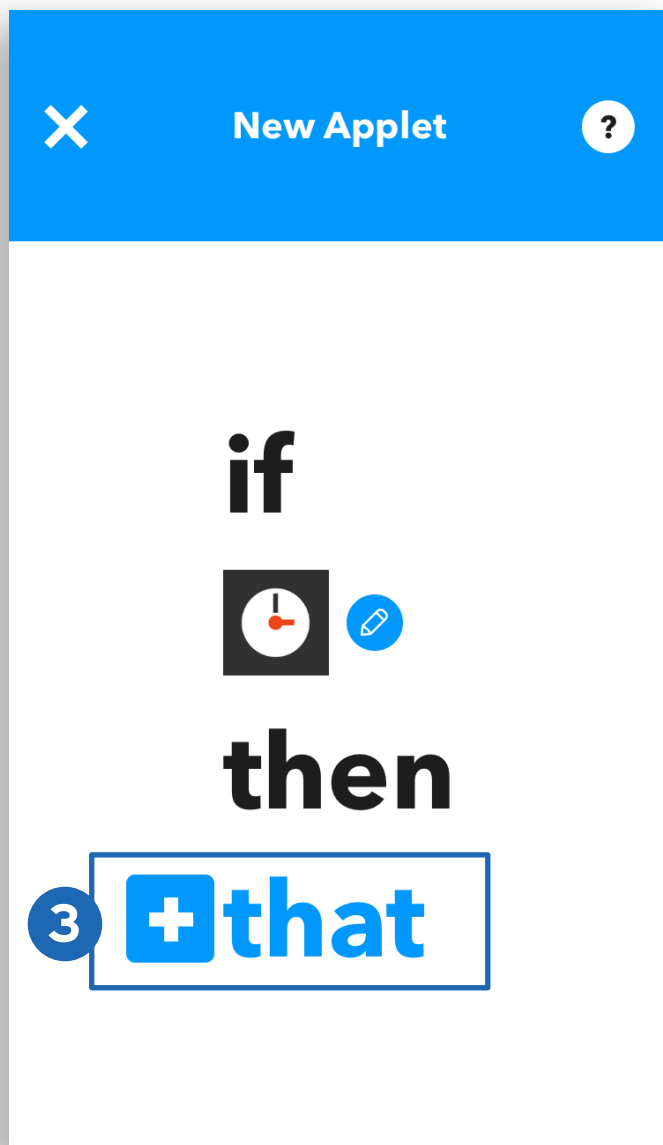
5. Tap **Activate a Device**.
6. Select the smart outlet and status you would like to activate (turn on or turn off). Tap **Create Action**.
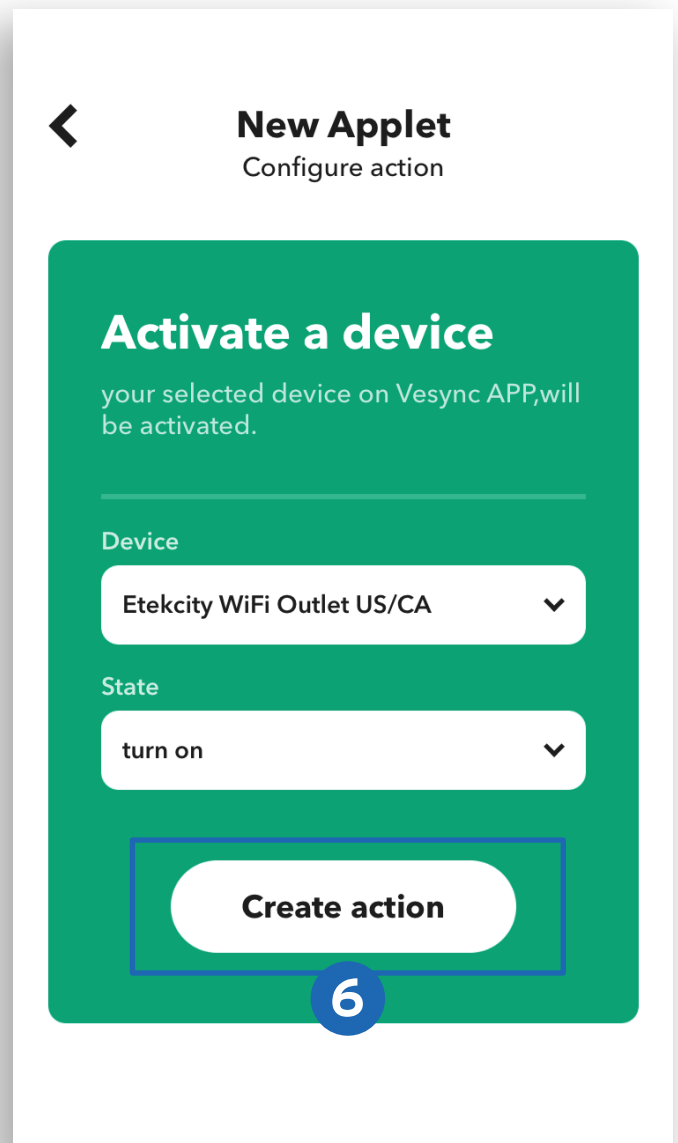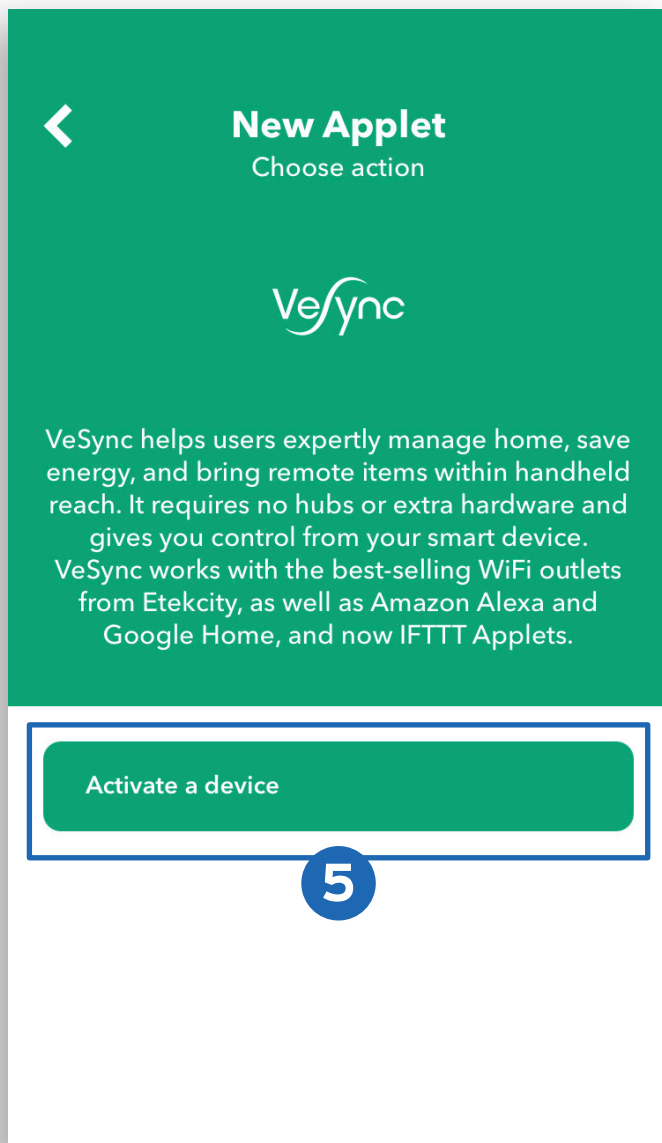
7. Tap **Finish**. You've created your own custom applet!

Maintaining Your Smart Outlet

Firmware Updates

To keep the smart outlet up-to-date with the latest improvements and fixes, you should always update the firmware when available.

On the Device Settings screen, tap **Upgrade Firmware**.

Factory Reset

Factory resetting the smart outlet can help you troubleshoot any issues you may have. Please keep in mind that factory resetting a device will erase all of your custom settings and restore the factory default settings.

Press and hold the power button for about 20 seconds until the light indicator blinks blue rapidly then turns off.

Back to Table of Contents

Troubleshooting

Q: Why aren't my outlets connecting?

- During the setup process, you must be on a 2.4GHz WiFi network.
- Make sure the WiFi password you entered is correct.
- Be sure the LED light on the outlet matches the method of setup (see **Light Indication Chart**, page 7).
- Try moving your router closer to your outlet (164 ft / 50 m visible range is best).
- Make sure you don't have too many devices connected to your router (10 or fewer is best).
- Close and reopen the VeSync app.
- Clear your VeSync app cache.
- Factory reset your smart outlet (see **Factory Reset**, page 50).

Q: How do I change my WiFi network to a 2.4GHz WiFi network?

- Most dual-band routers support both 2.4G and 5G networks. Select the WiFi name that **does not** end in "_5G".
- If your phone is attempting to connect to the 5G network, try "forgetting" or temporarily disabling the 5G network.
- If you are unsure, or if the 2.4G and 5G networks do not have separate names, please contact your internet service provider.

Q: I already have another outlet connected. Why won't this outlet connect?

- Close and relaunch the VeSync app, then reset the outlet that is not connecting.
- Use APN Mode to set up the outlet (see page 13).

Q: I'm using APN Mode, but can't find the "ESP" access point.

- Press and hold the power button on the outlet for 10-14 seconds to trigger APN Mode. The "ESP" access point will appear in your list of available WiFi connections.
- During APN Mode, the LED light on the outlet will slowly blink blue. You will have 5 minutes to pair the outlet with your phone.

Q: My outlet is offline.

- Delete the offline outlet from the VeSync app. Swipe left (iOS) or tap and hold (Android), and tap **Delete**.
- Hard reset the outlet by pressing and holding the power button for more than 20 seconds. The LED light will blink rapidly and turn off.
- Once the outlet has been deleted and reset, reconfigure your outlet with the VeSync app.

Note: *Power outages or changing WiFi routers may cause your outlets to go offline.*

Q: Why won't the VeSync app let me add my smart outlet?

- If the smart outlet is already added to another person's VeSync app, ask them to share the smart outlet with you (see **Share Your Smart Outlet**, page 35) so that you can control it with your VeSync account.
- Be sure your WiFi password is entered correctly.
- Use **APN Mode** (page 13).
- Make sure your smart outlet firmware is up to date (see **Firmware Updates**, page 50).
- Factory reset your smart outlet (see **Factory Reset**, page 50).

Q: After adding my smart outlet to VeSync, why won't the smart

outlet icon appear on the "My Home" screen of the VeSync app?

- After adding your smart outlet to the VeSync app (see **VeSync App Setup**, page 8), refresh the main menu screen by closing and reopening the app.

Q: Alexa or Google Home can't find my app or can't discover my smart outlet.

- Make sure your wireless network router is close enough to your smart outlet. The smart outlet must be within a 164 ft (50 m) visible range from the router.
- Check that your Alexa or Google Home is working properly.

Q: Why isn't my smart outlet turning on/off as scheduled?

- Make sure that the schedule is still turned on. The toggle switch should look like ⬤◯ , not ◯⬤ .
- Make sure that your phone's Location Services are turned on.
- Make sure the smart outlet is connected to a working network and is not offline.

Q: I believe my smart outlet is defective. What should I do?

- Contact **Customer Support** (page 56).

Warranty Information

Terms & Policy

Etekcity warrants all products to be of the highest quality in material, craftsmanship, and service, effective from the date of purchase to the end of the warranty period.

Etekcity will replace any product found to be defective due to manufacturer flaws based on eligibility. Refunds are available within the first 30 days of purchase. Refunds are only available to the original purchaser of the product. This warranty extends only to personal use and does not extend to any product that has been used for commercial, rental, or any other use in which the product is not intended for. There are no warranties other than the warranties expressly set forth with each product.

This warranty is non-transferrable. Etekcity is not responsible in any way for any damages, losses, or inconveniences caused by equipment failure by user negligence, abuse, or use noncompliant with the user manual or any additional safety, use, or warnings included in the product packaging and manual.

This warranty does not apply to the following:
- Damage due to abuse, accident, alteration, misuse, tampering, or vandalism.
- Improper or inadequate maintenance.
- Damage in return transit.
- Unsupervised use by children under 18 years of age.

Etekcity and its subsidiaries assume no liability for damage caused by the use of the product other than for its intended use or as instructed in the user manual. Some states do not allow this exclusion or limitation of incidental or consequential losses so the foregoing disclaimer may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Additional 1-Year Warranty

You can extend your 1-year warranty by an additional year. Log onto **www.etekcity.com/warranty** and enter your order number (for example, from Amazon or Houzz) to register your new product for the extended warranty.

If you are unable to provide the order number for your product, please type a short note in the order number field along with the date you received your product.

Defective Products & Returns

If your product proves defective within the specified warranty period, please contact Customer Support via **support@etekcity.com** with your order number. **DO NOT** dispose of your product before contacting us. Once Customer Support has approved your request, please return the unit with a copy of the invoice or your order number.

Customer Support

If you encounter any issues or have any questions regarding your new product, please contact our helpful Customer Support Team. Your satisfaction is our goal!

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

Email: support@etekcity.com
Toll-Free: (855) 686-3835

Support Hours

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

Please have your order confirmation number ready before contacting customer support.