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PRESENTING

JARVIS  
300W SMART WI-FI TRANSFORMER

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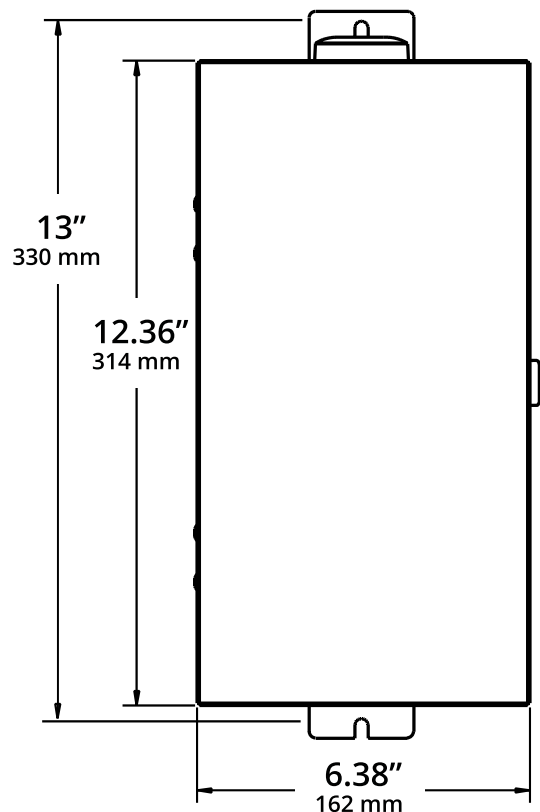
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# JARVIS 300W Smart Transformer



## SPECIFICATIONS

INPUT: 120VAC 60Hz 2.5A  
OUTPUT: 15VAC  
MAX RATING: 300VA max  
MODEL: JARVIS 300W Smart Transformer  
PRODUCT CODE: 490545  
3 channels, single channel can handle full 300W Caution - DO NOT exceed 300W total output, includes lamp load+output wire loss

## SYSTEM

WIRELESS TYPE: 2.4GHz IEEE802.11 B/G/N  
WI-FI RANGE: 80FT (FREE AREA)  
APP: SMART LIFE  
IOS: 8.0 or HIGHER  
ANDROID: 4.1 or HIGHER



Download Smart Life app

## SAFETY INFORMATION

1. Do not install within 10 feet (3m) of a pool, spa, or fountain.
2. This transformer is suitable for mounting within 12 in. to 48 in. (0.3m to 1.2m) of the ground.
3. For use with a low-voltage outdoor landscape lighting system.
4. There are no serviceable parts inside the power supply unit. DO NOT DISASSEMBLE.
5. Do not submerge transformer.
6. Do not connect two or more transformers in parallel.
7. Do not use with a dimmer.
8. Plug the power supply unit directly into a GFCI wet location outlet.
9. Do not use an extension cord.
10. The maximum output of this transformer is equal to or less than 300 watts. Do not overload the transformer. Be sure that the total cumulative wattage of all 12-15 volt fixtures connected to the transformer is equal to or less than 300 watts. Total bulb wattage must not exceed a maximum of 300 watts.
11. For best performance, and to limit operation of the automatic thermal protector, do not install where air flow around the unit is overly restricted.
12. For supply connections, use wire rated for at least 60°C.
13. Keep enclosure cover closed.
14. Suitable for use with submersible luminaires or submersible pumps or equivalent.



**WARNING: Risk of Electric Shock.** Install power unit 5 feet (1.5m) or more from a pool, spa, or fountain. Where the power unit is installed (a) indoors within 10 feet (3.0m) of a pool, spa, or fountain or (b) outdoors, connect power unit to a receptacle protected by a GFCI.



**WARNING:** For outdoor installations use UL-listed underground low energy circuit cable or SPT-3 or SPT-2W. Failure to use at least 16-gauge minimum cable or install it as directed in these instructions may result in risk of fire or electric shock. Using large cable will ensure maximum light output.



**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



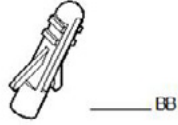
**IMPORTANT:** This landscape light system must be installed in accordance with all local codes and ordinances. If you are experiencing problems, contact a qualified electrician.

# PRE-INSTALLATION

## Hardware Included



**NOTE:** Hardware not shown to actual size.

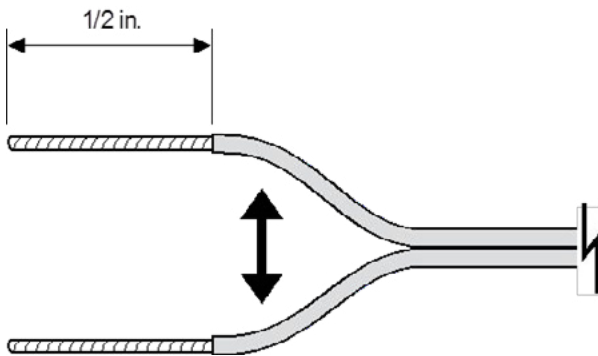


Part	Description	Quantity
AA	4.8X30 Screw	2
BB	Wall Anchor	2

# INSTALLATION

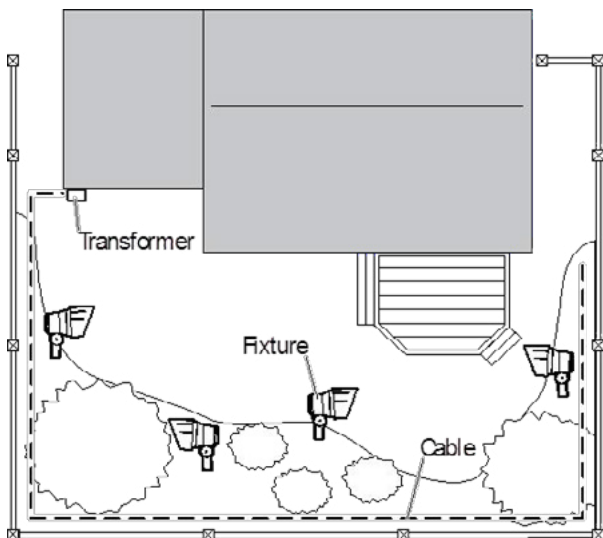
## 1. Preparing the cable

- ◇ Use caution when splitting to avoid exposing copper wire.
- ◇ Remove 1/2 in. of insulation from both wires and twist the ends. Refer to the strip-length guide on the transformer (A).



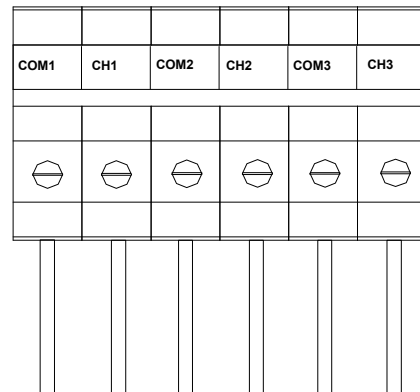
## 3. Layout garden light

- ◇ Lay the fixtures (not included) in their desired locations. Be sure they do not exceed the 300-watt rating of the transformer.
- ◇ Route the low voltage cable to the fixtures. If there is extra cable, coil the cable after the last fixture.



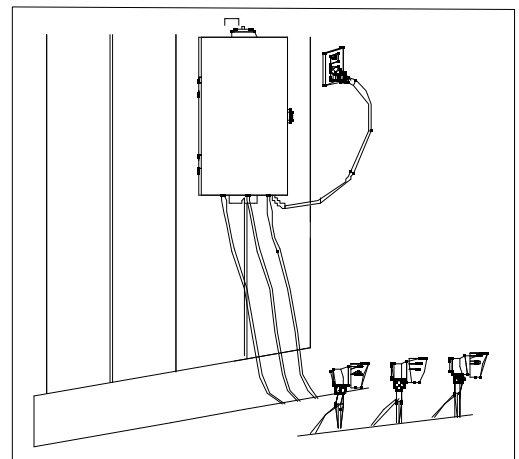
## 2. Connect the cable

Lay the transformer on a flat, stable surface and insert the stripped end of one wire under the terminal clamping plat COM1 CH1, COM2 CH2, COM3 CH3, then tighten the screw.

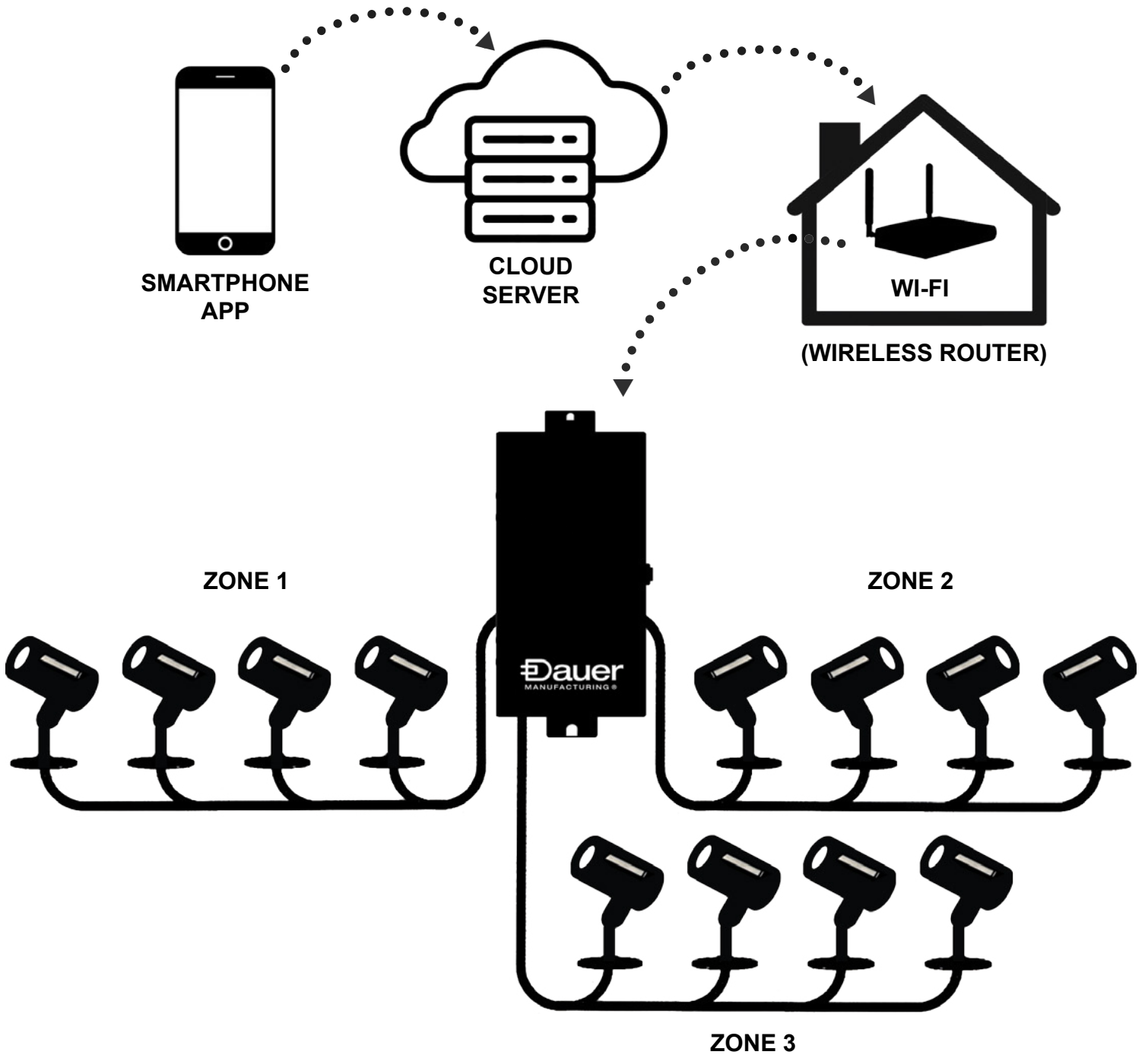


## 4. Mounting the transformer

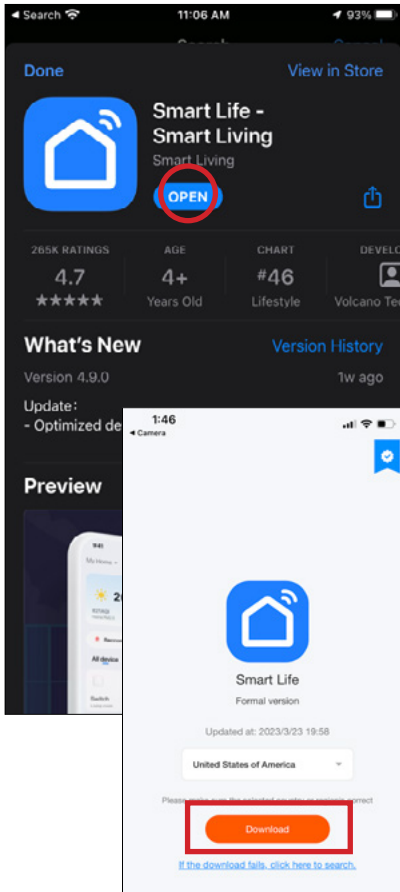
Turn the transformer on. Attach your fixtures to the cable using cable connectors as shown.



# JARVIS 300W Smart Transformer DIAGRAM



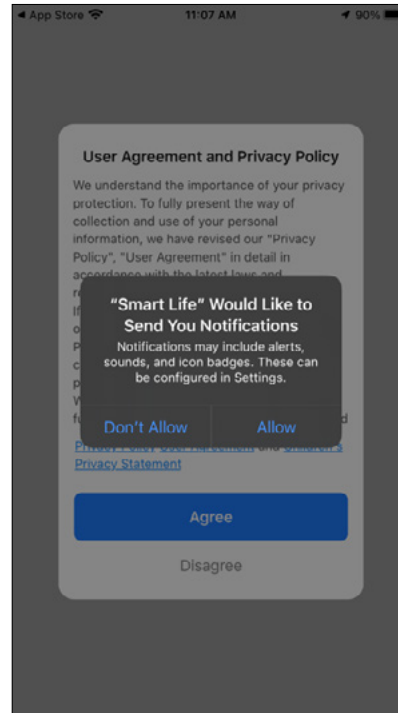
# CHAPTER 1: Programming JARVIS 300W Smart Transformer



Step 1 | Fig. 1:

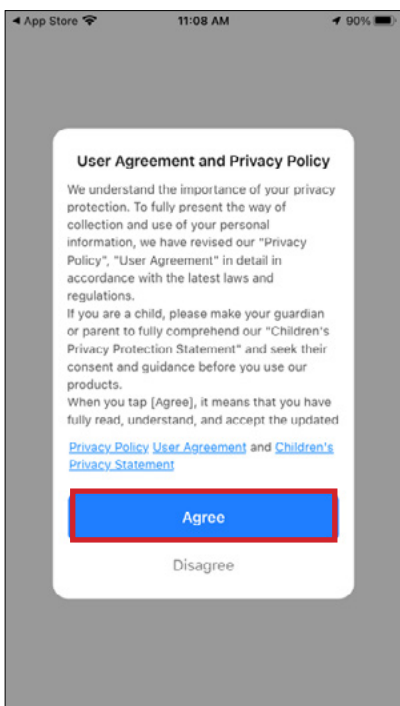
Search for the app on your electronic device. If you have not downloaded this app before, press “OPEN” and then “GET”.

From the QR Code, press “download” to go to the “Smart Life - Smart Living” app.



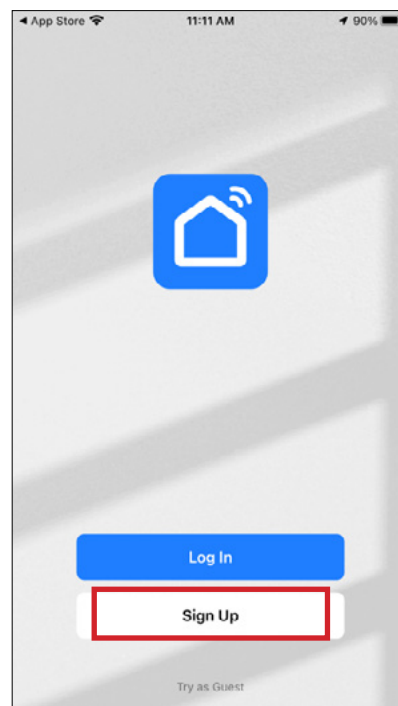
Step 1 | Fig. 2:

Select whether or not you would like the app to allow or not allow notifications.



Step 1 | Fig. 3:

Press “Agree” to accept the user agreement and privacy policy.

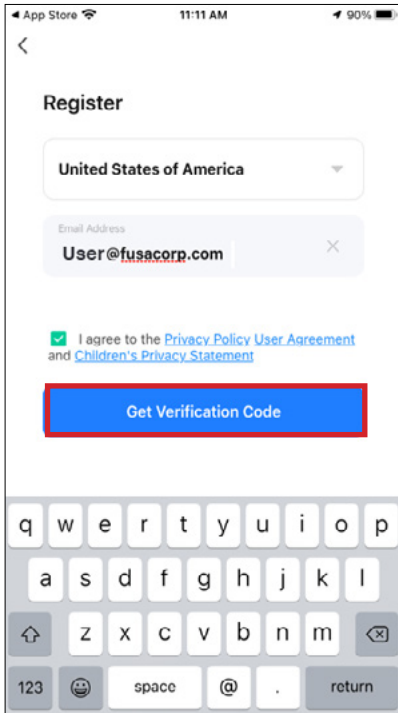


Step 1 | Fig. 4:

Press “Sign Up”.

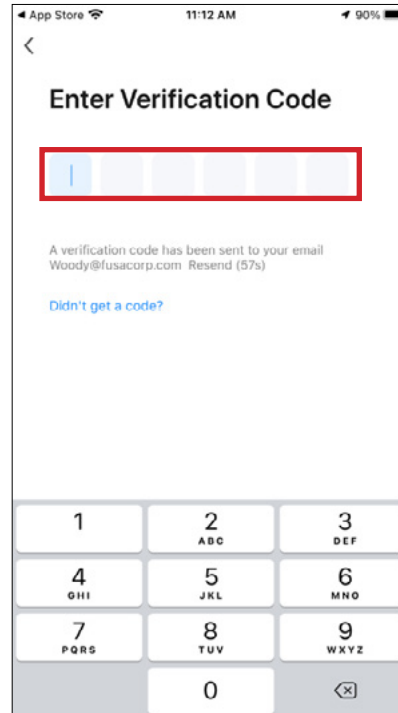


# CHAPTER 1: Programming JARVIS 300W Smart Transformer



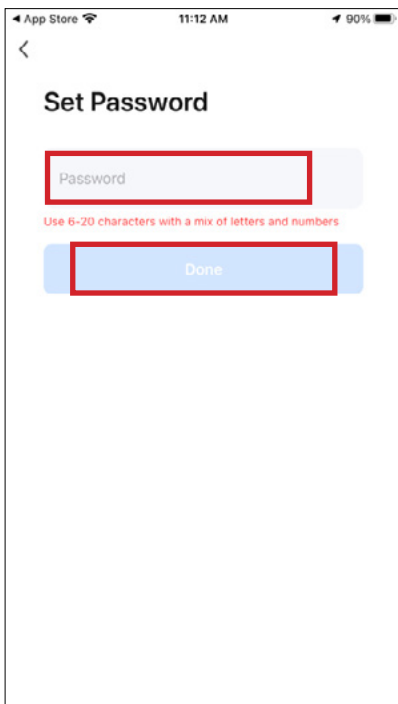
Step 1 | Fig. 5:

Make sure the country listed is the one in which you are using the app. Enter your email address, place a checkmark in the box to agree to the policies and statements, and press “Get Verification Code”. Please retrieve the Verification Code sent to your email by Smart Life.



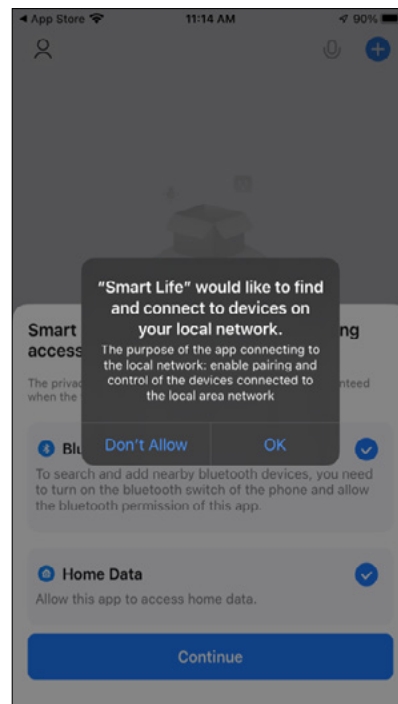
Step 1 | Fig. 6:

Enter the verification code.



Step 1 | Fig. 7:

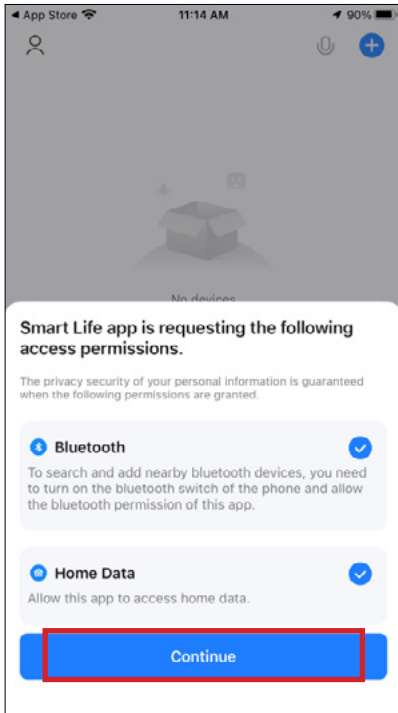
Set your password as instructed and press “Done”.



Step 1 | Fig. 8:

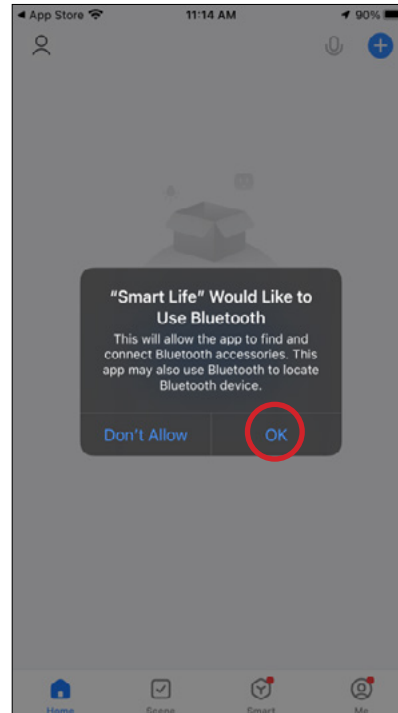
Press “Ok” then press “Continue”.

# CHAPTER 1: Programming JARVIS 300W Smart Transformer



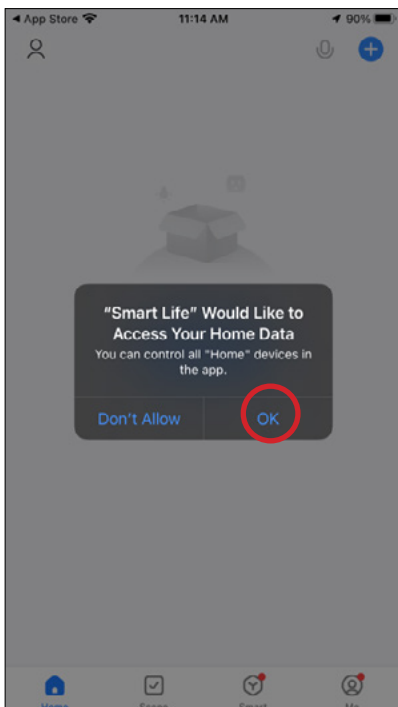
Step 1 | Fig. 9:

Press  
"Continue".



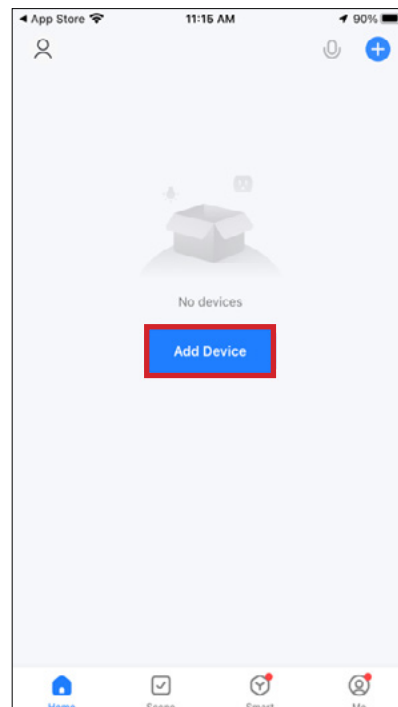
Step 1 | Fig. 10:

Press "OK".



Step 1 | Fig. 11:

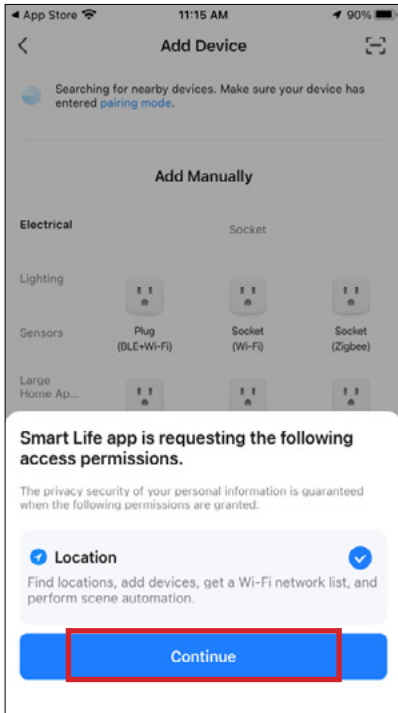
Press "OK".



Step 1 | Fig. 12:

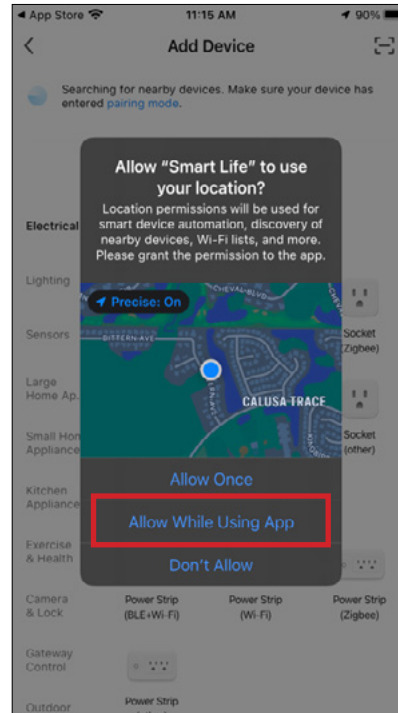
Press  
"Add Device".

# CHAPTER 1: Programming JARVIS 300W Smart Transformer



Step 1 | Fig. 13:

Press "Continue".



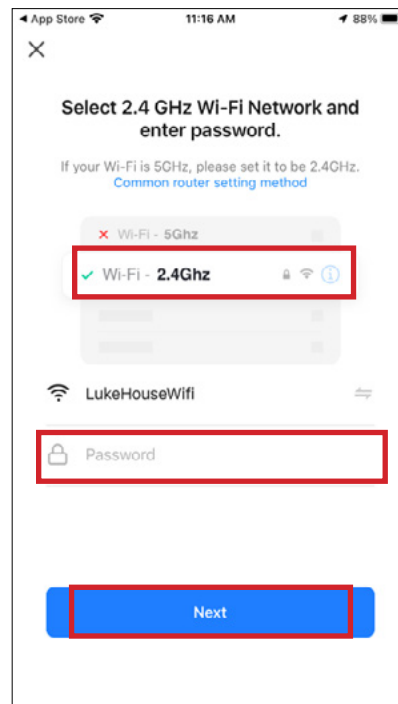
Step 1 | Fig. 14:

Press "Allow While Using App".



Step 1 | Fig. 15:

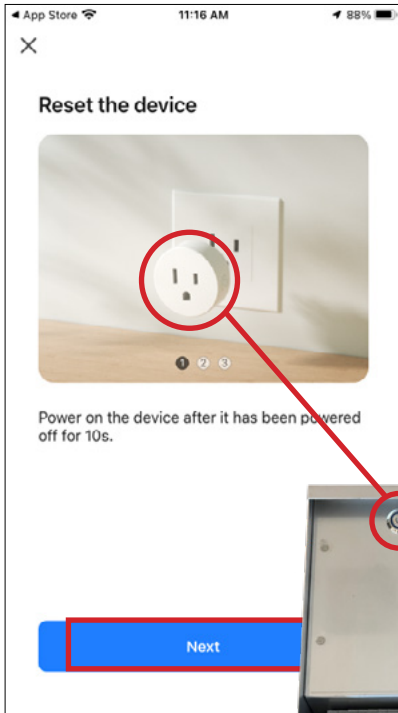
Press the "Power Strip (Wi-Fi)" icon to add the Smart Transformer. (Please note - this icon is used to symbolize the Smart Transformer).



Step 1 | Fig. 16:

Select 2.4GHz Wi-Fi Network and enter your password. Press "Next".

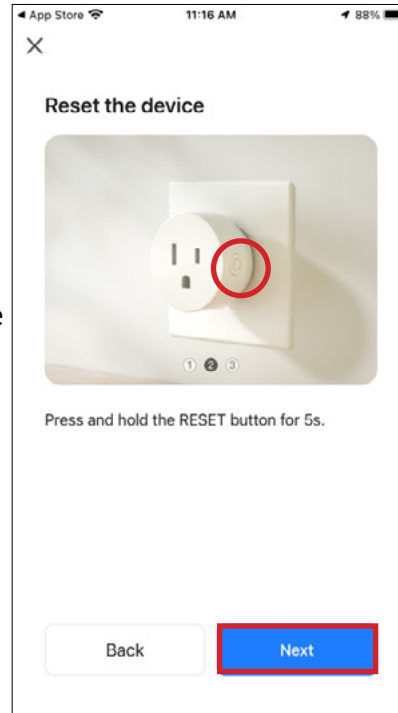
# CHAPTER 1: Programming JARVIS 300W Smart Transformer



Step 1 | Fig. 17:  
Unplug the transformer from the wall outlet for at least 10 seconds before you proceed to the next step. If the transformer has been unplugged from the wall outlet for at least 10 seconds, please disregard this step and press "Next".



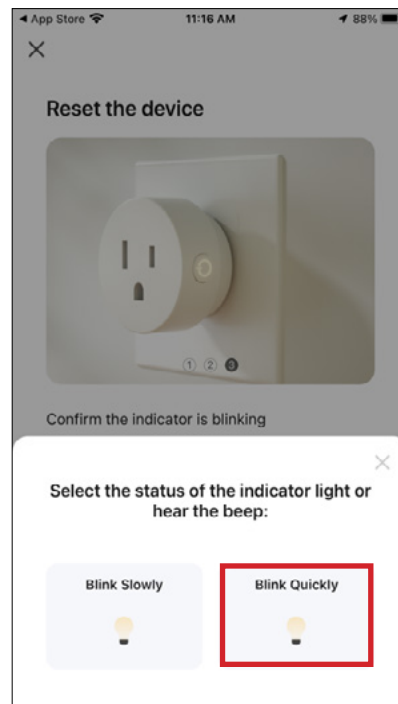
This image on your app symbolizes the actual Smart Transformer.



Step 1 | Fig. 18:  
Press on the programming button located on the face of the transformer and hold for 5 seconds. Then press "Next".

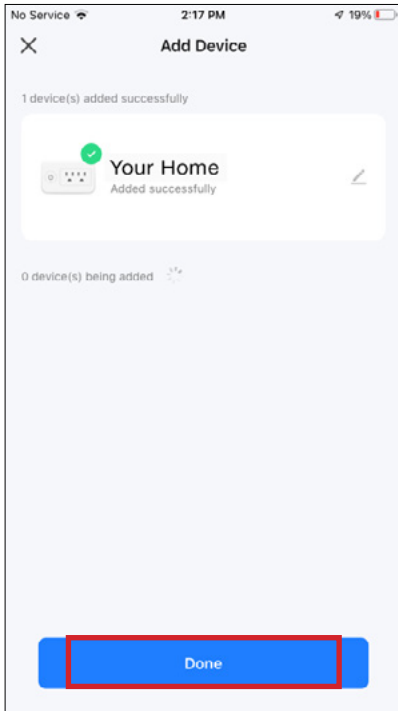


Step 1 | Fig. 19:  
Confirm the indicator light is blinking and press "Next".



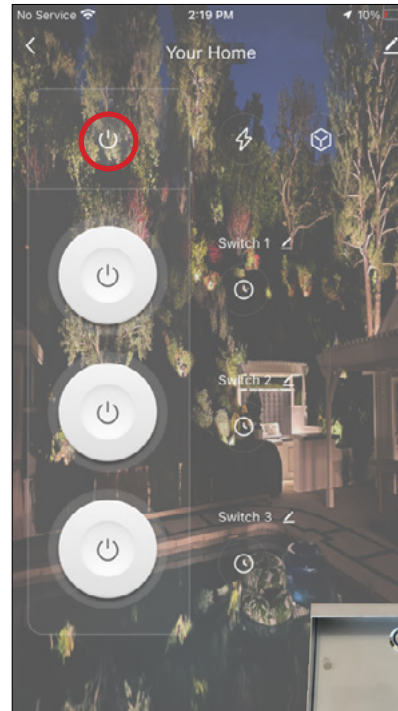
Step 1 | Fig. 20:  
Confirm the indicator light of the transformer is blinking quickly. If so, press "Blink Quickly".

# CHAPTER 1: Programming JARVIS 300W Smart Transformer



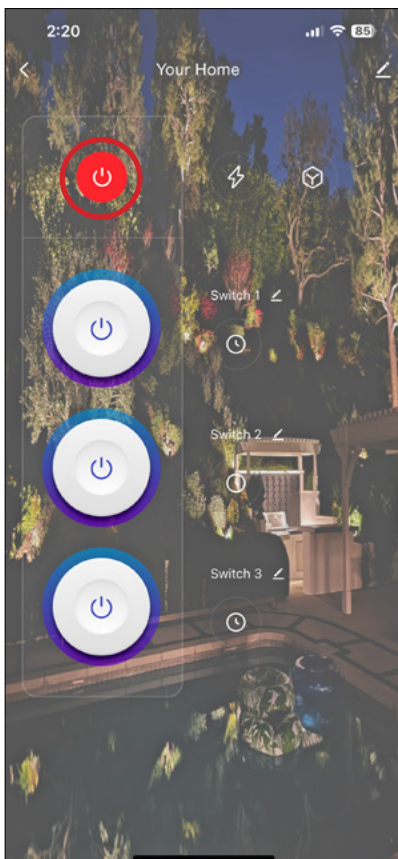
Step 1 | Fig. 21:

You may see a digital clock counting down from 2 minutes as the programming/pairing is in process. Once the transformer is added successfully, you can select the “pencil” icon to rename your device. Then press “Done.”



Step 1 | Fig. 22:

Congratulations! The app and the transformer are ready for operation! Please turn on the transformer breaker switch to energize the low voltage/secondary power.

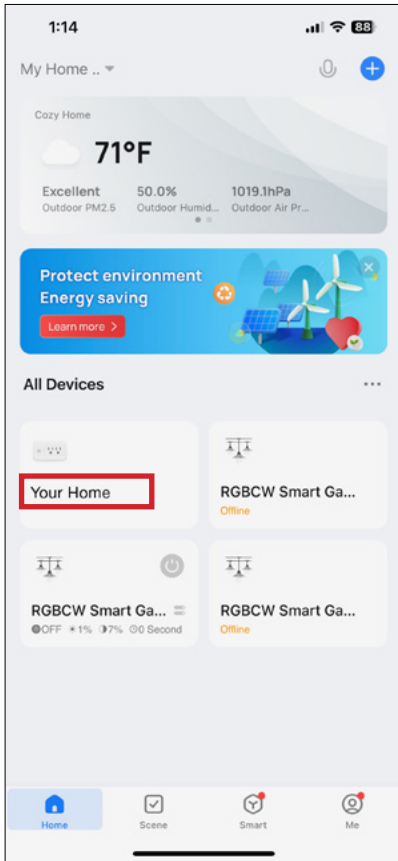


Step 1 | Fig. 23:

Press on the Power button on your control panel to turn on the lights.

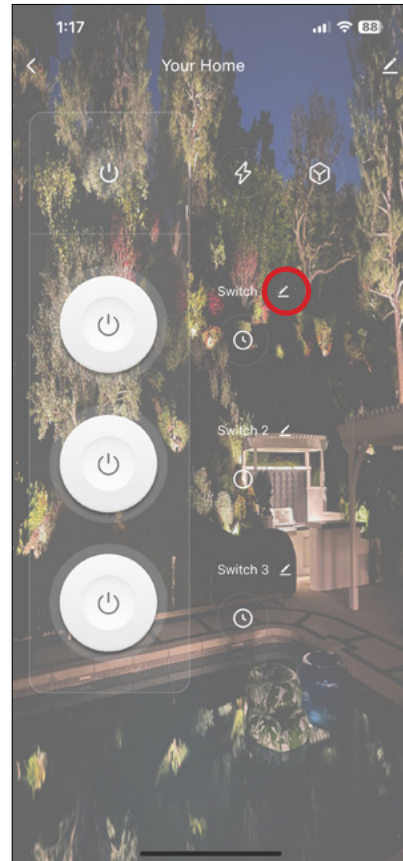
Presto! You're ready to go!

## CHAPTER 2: Name Your Zones



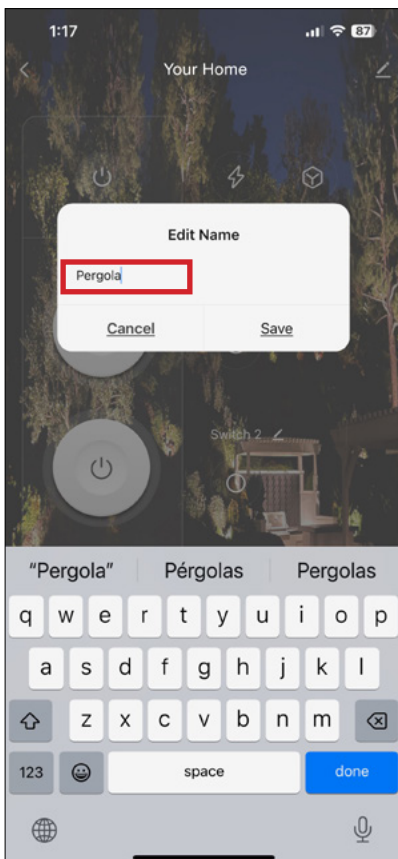
Step 2 | Fig. 1:

From your Home Page, press on the transformer tab you wish to program.



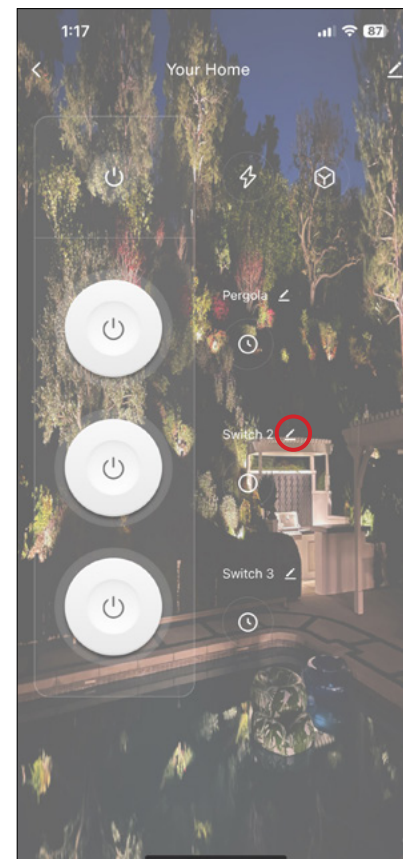
Step 2 | Fig. 2:

To set up Zone 1, click on the pencil icon next to "Switch 1".



Step 2 | Fig. 3:

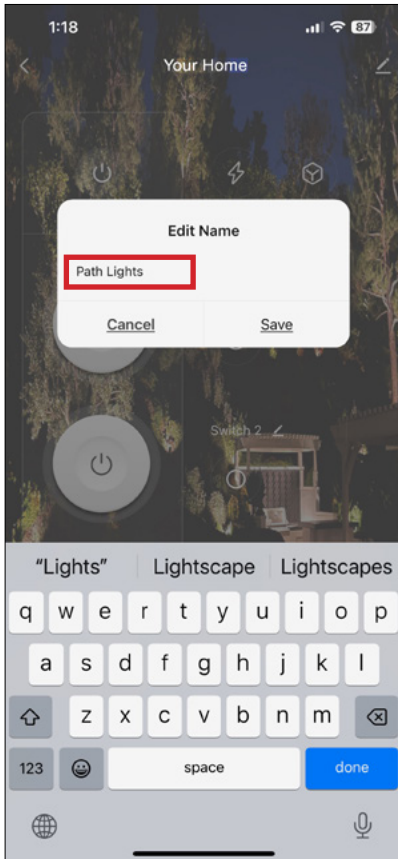
Delete the name "Switch 1" and rename the zone. For example, "Pergola", and press "Save".



Step 2 | Fig. 4:

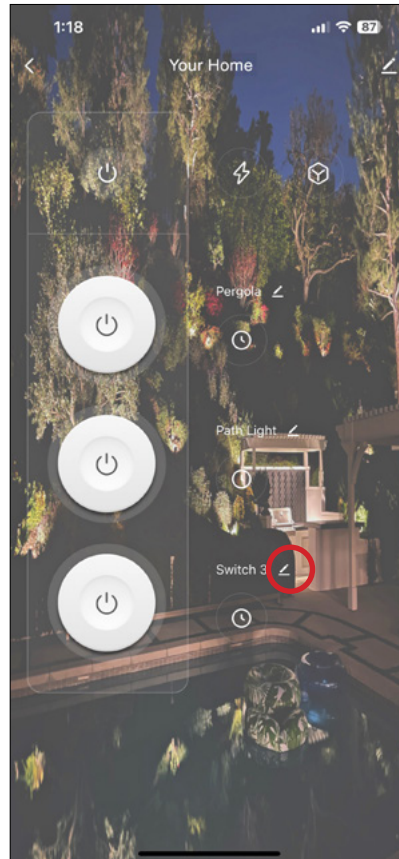
To set up Zone 2, click on the pencil icon next to "Switch 2".

## CHAPTER 2: Name Your Zones



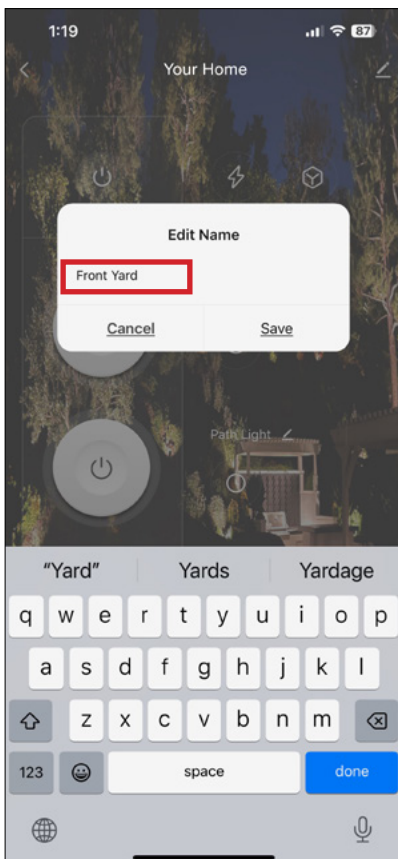
Step 2 | Fig. 5:

Delete the name "Switch 2" and rename the zone. For example, "Path Lights", and press "Save".



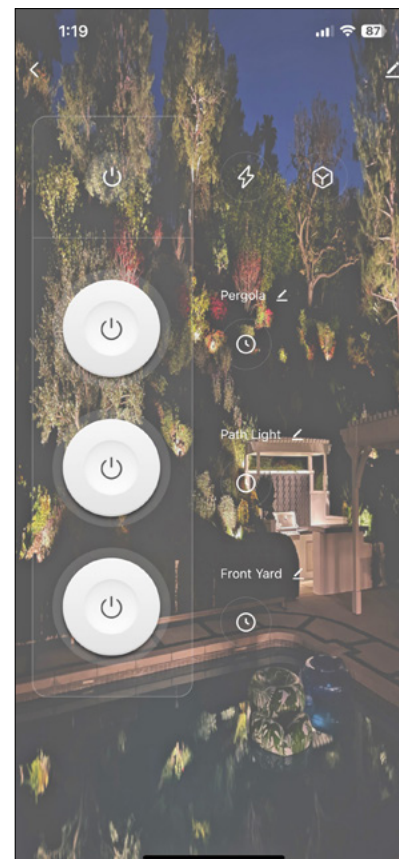
Step 2 | Fig. 6:

To set up Zone 3, click on the pencil icon next to "Switch 3".



Step 2 | Fig. 7:

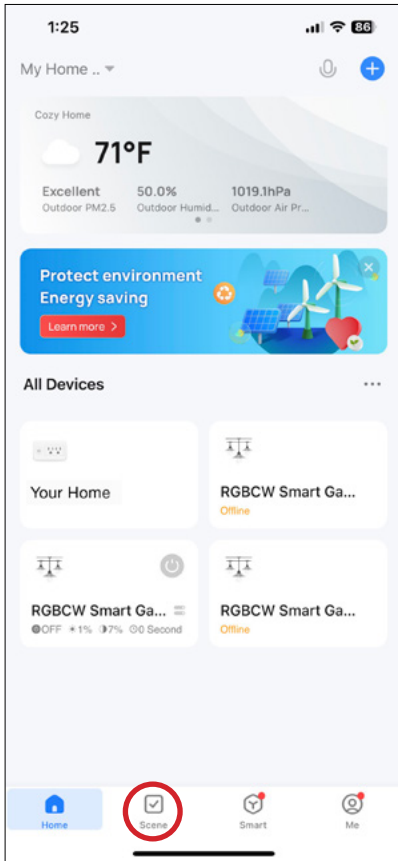
Delete the name "Switch 3" and rename the zone. For example, "Front Yard", and press "Save".



Step 2 | Fig. 8:

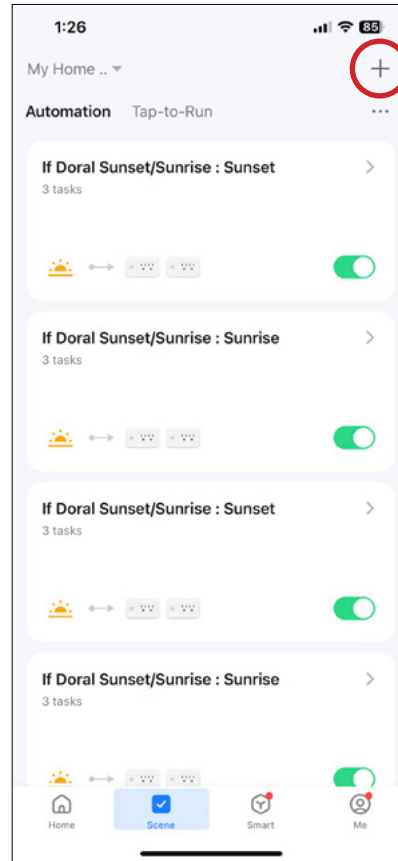
Congratulations! You have successfully completed NAMING YOUR ZONES.

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNSET



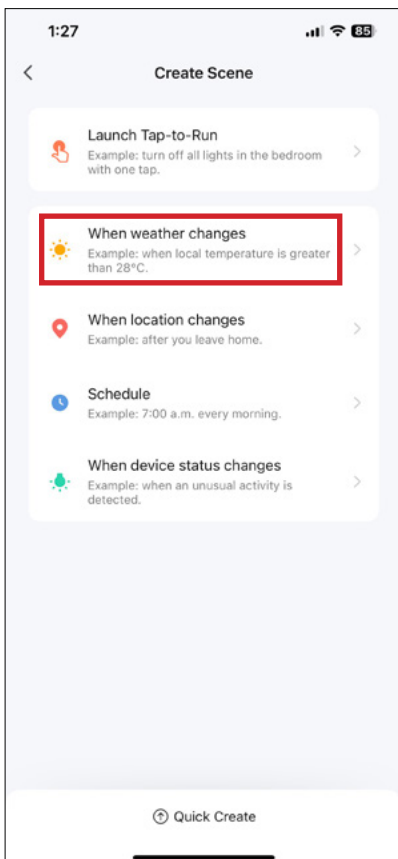
Step 3 | Fig. 1:

From your home page, press the "Scene" tab.



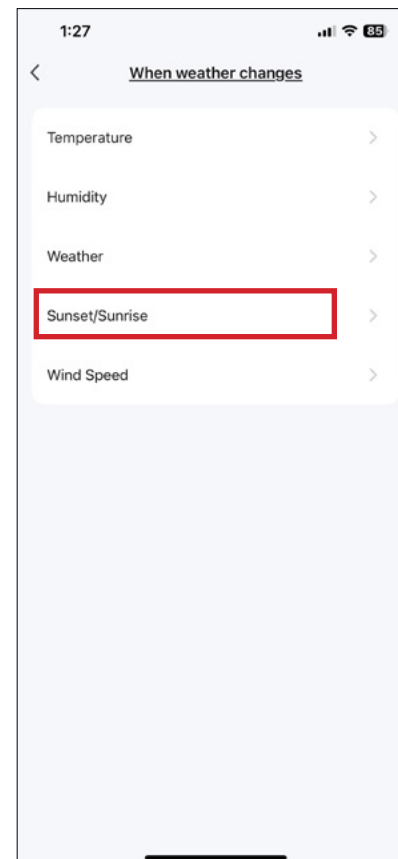
Step 3 | Fig. 2:

Press the "+" sign.



Step 3 | Fig. 3:

Select "When weather changes".

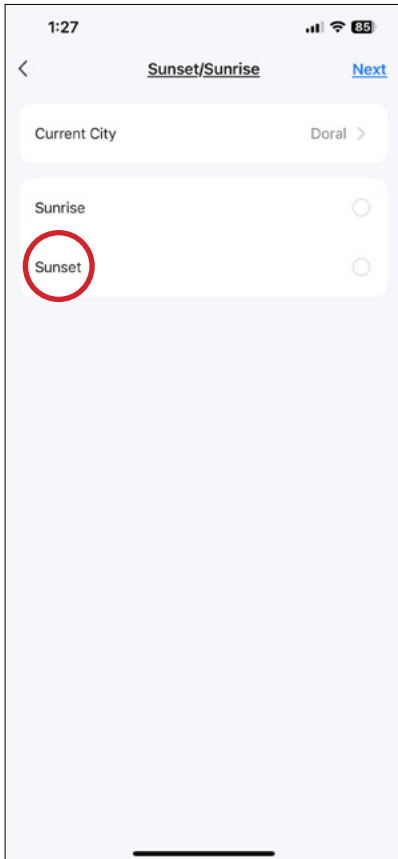


Step 3 | Fig. 4:

Select "Sunset/Sunrise".

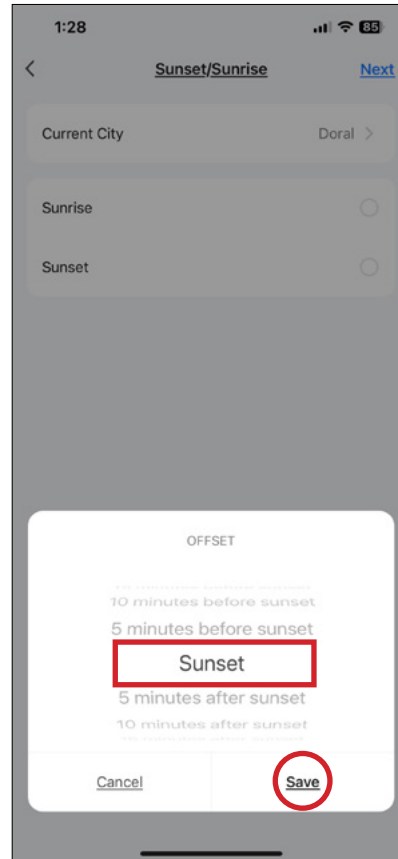


# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNSET



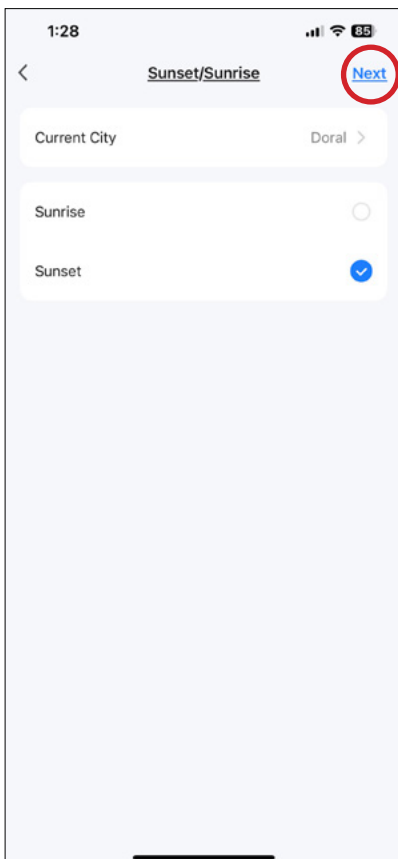
Step 3 | Fig. 5:

Select "Sunset".



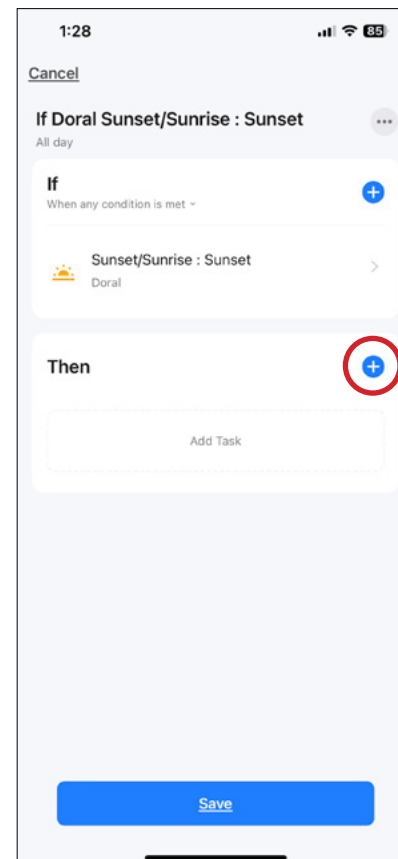
Step 3 | Fig. 6:

Select when you want the lights to come ON and press "Save".



Step 3 | Fig. 7:

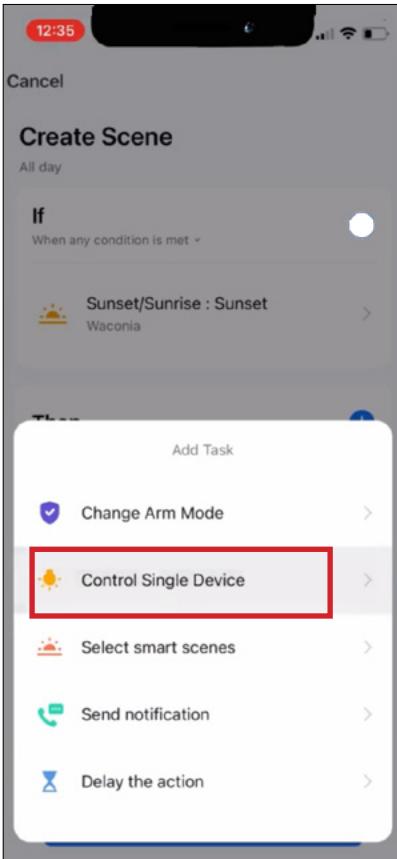
Press "Next".



Step 3 | Fig. 8:

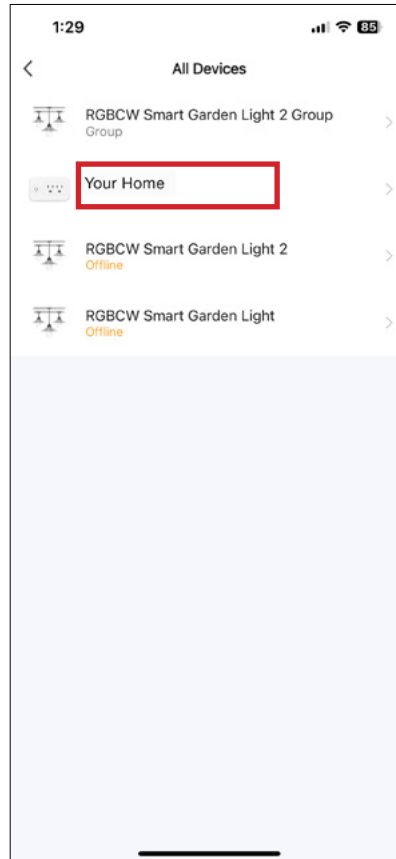
Press the "+" sign next to "Then".

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNSET



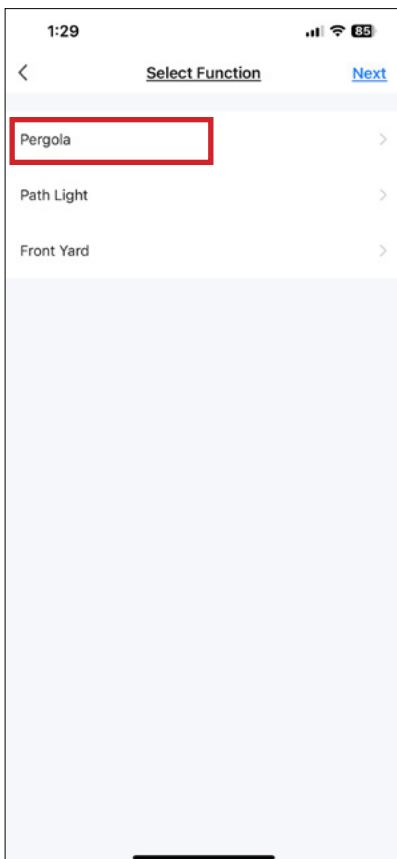
Step 3 | Fig. 9:

Select "Control Single Device".



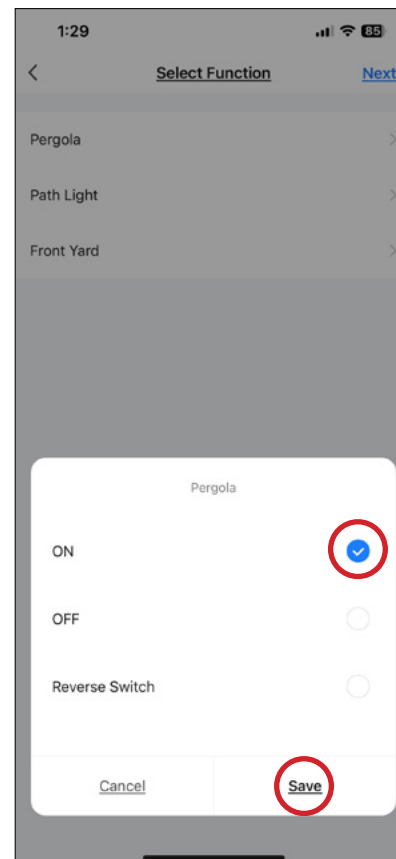
Step 3 | Fig. 10:

Select your "Transformer" icon.



Step 3 | Fig. 11:

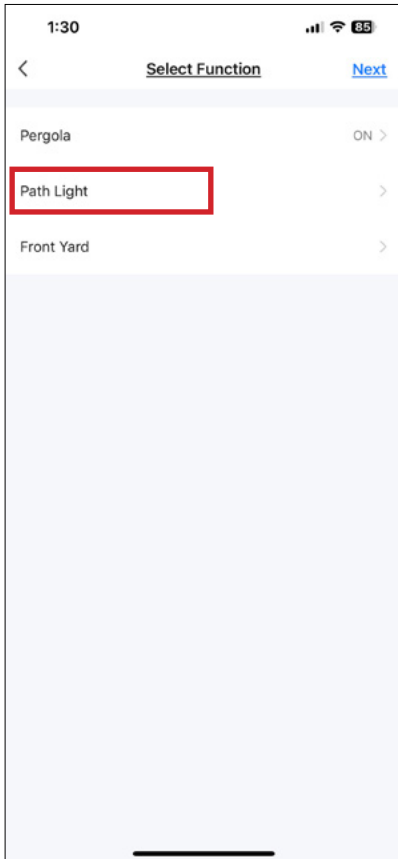
Select the zone you wish to control.



Step 3 | Fig. 12:

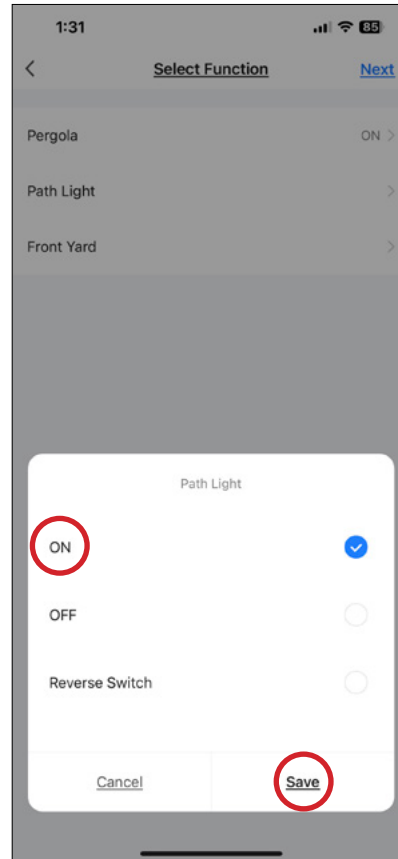
Press "ON" and then press "Save".

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNSET



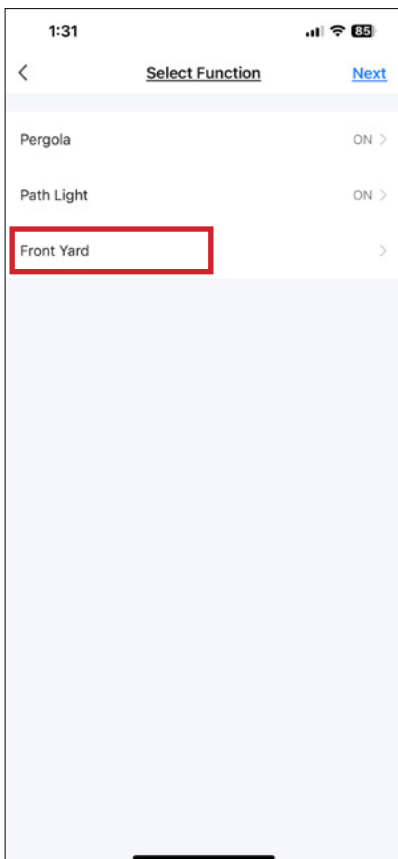
Step 3 | Fig. 13:

Select the zone you wish to control.



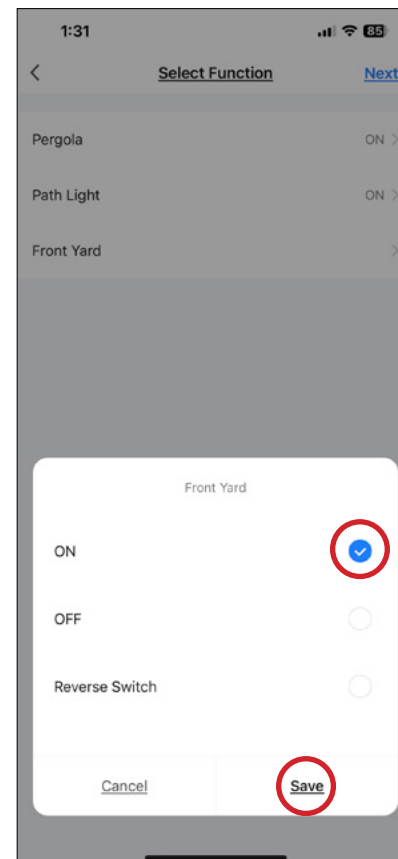
Step 3 | Fig. 14:

Press "ON" and then press "Save".



Step 3 | Fig. 15:

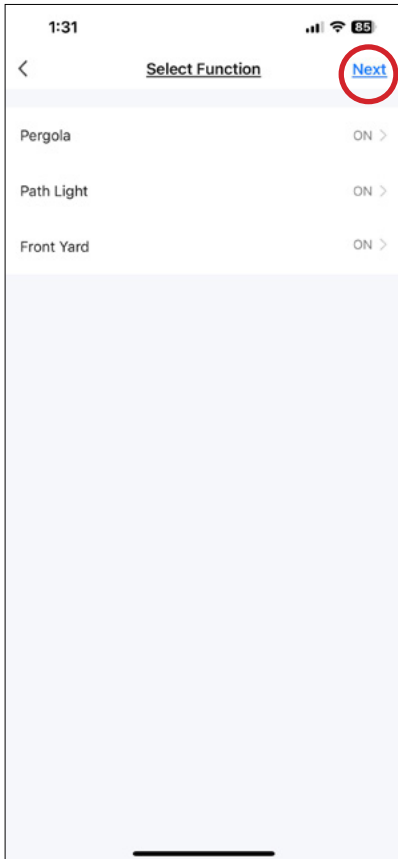
Select the zone you wish to control.



Step 3 | Fig. 16:

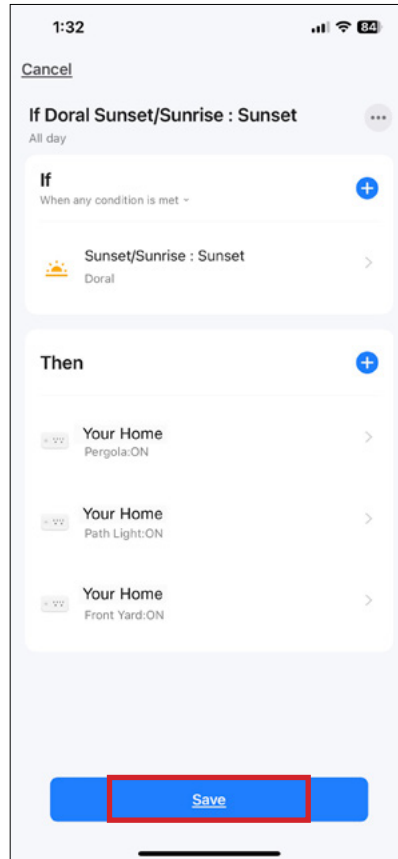
Press "ON" and then press "Save".

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNSET



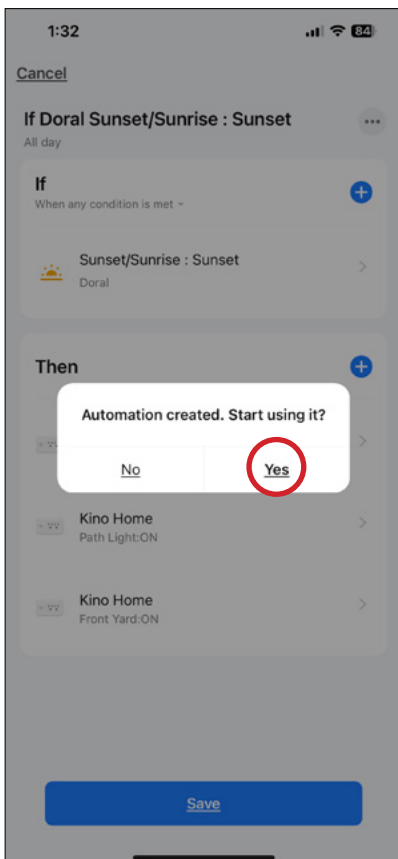
Step 3 | Fig. 17:

Press "Next".



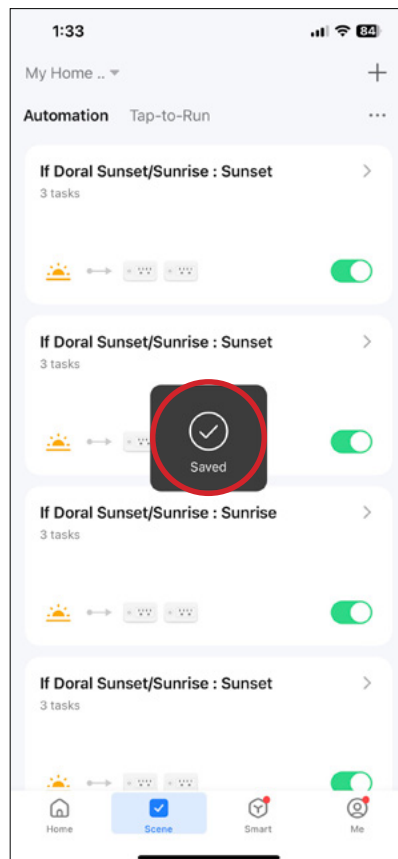
Step 3 | Fig. 18:

Press "Save".



Step 3 | Fig. 19:

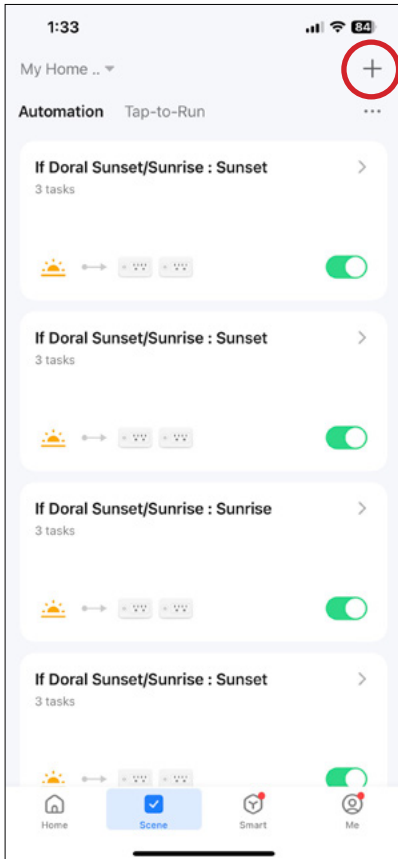
Press "Yes".



Step 3 | Fig. 20:

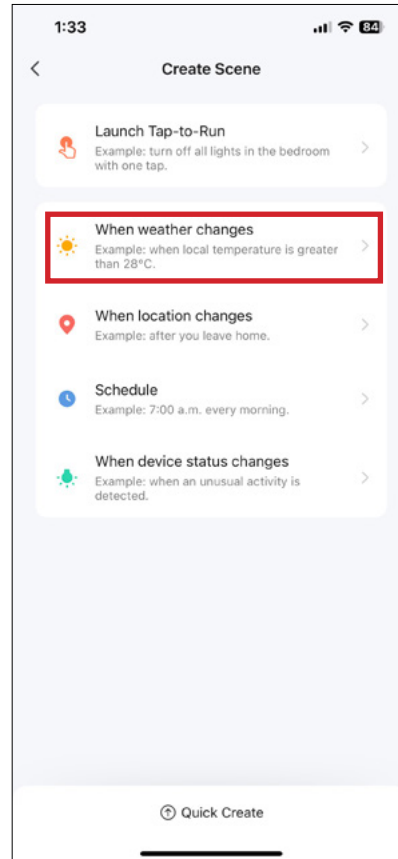
Your Sunset setting is saved.

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNRISE



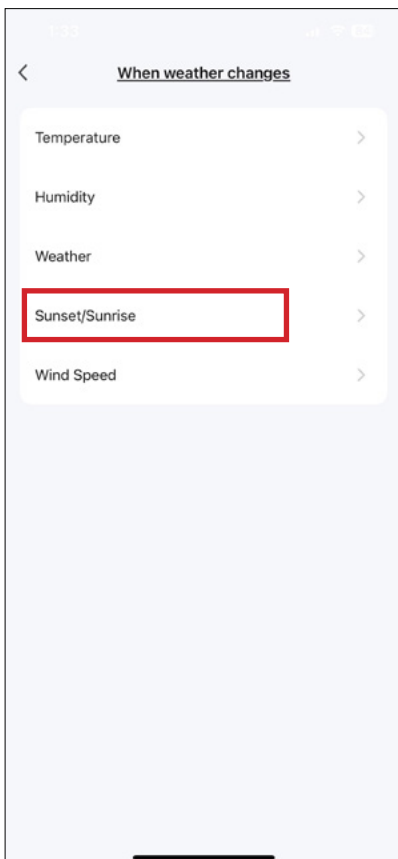
Step 3 | Fig. 21:

Press the “+” sign.



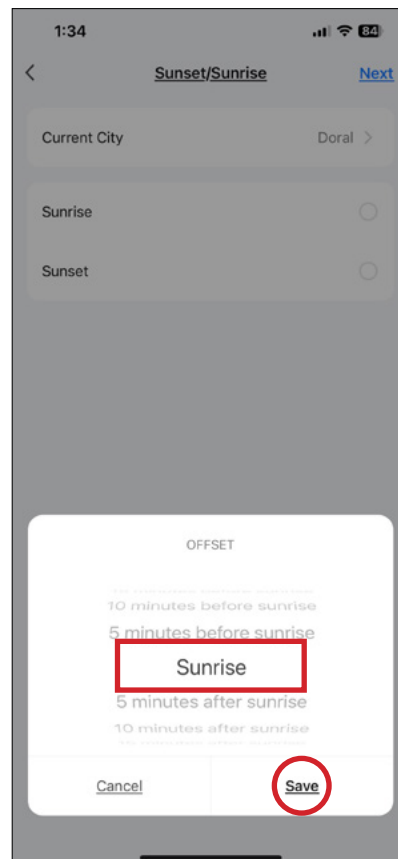
Step 3 | Fig. 22:

Select “When weather changes”.



Step 3 | Fig. 23:

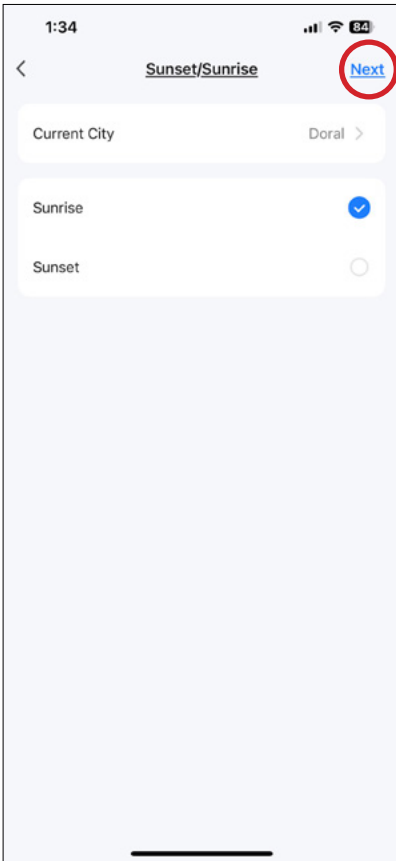
Select “Sunset/Sunrise”.



Step 3 | Fig. 24:

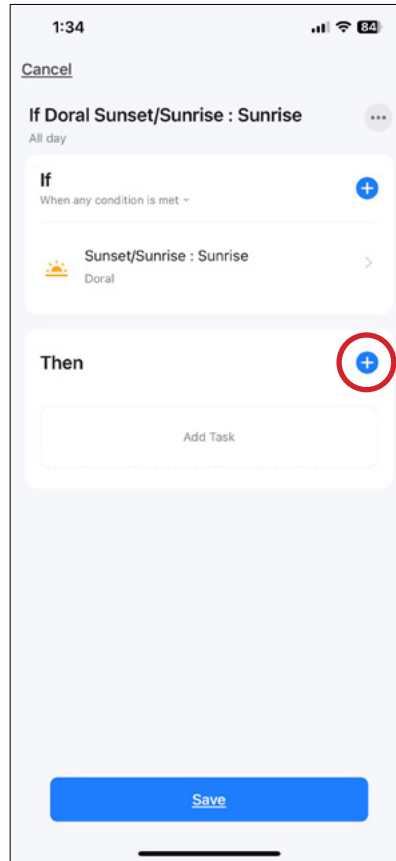
Select when you want the lights to turn OFF and press “Save”.

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNRISE



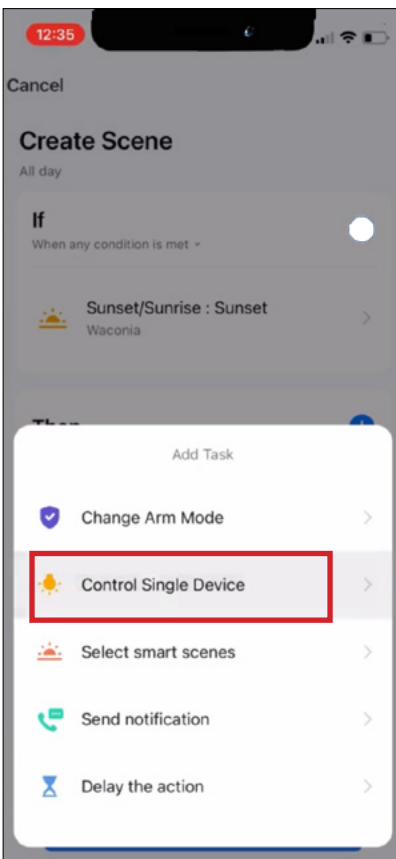
Step 3 | Fig. 25:

Press "Next".



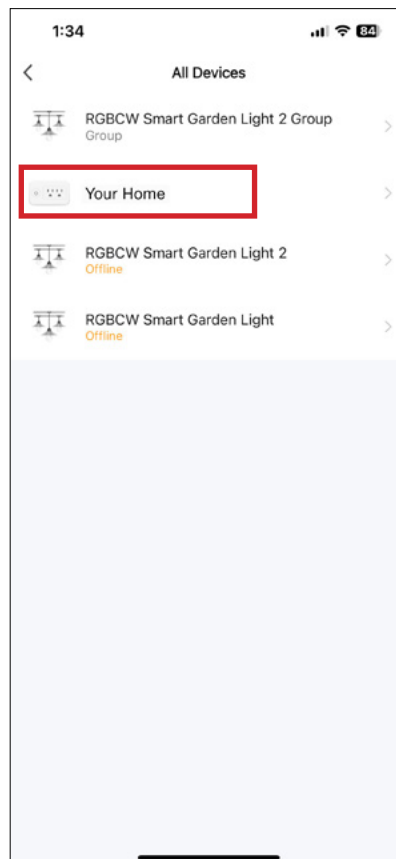
Step 3 | Fig. 26:

Press the "+" sign next to "Then".



Step 3 | Fig. 27:

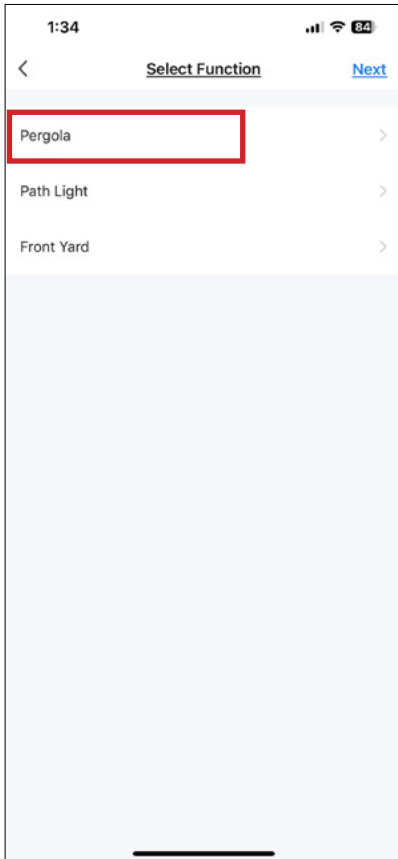
Select "Control Single Device".



Step 3 | Fig. 28:

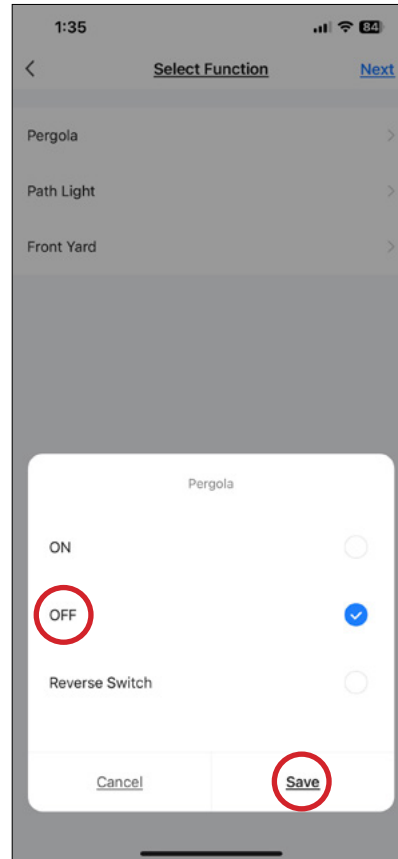
Select the "Transformer" icon.

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNRISE



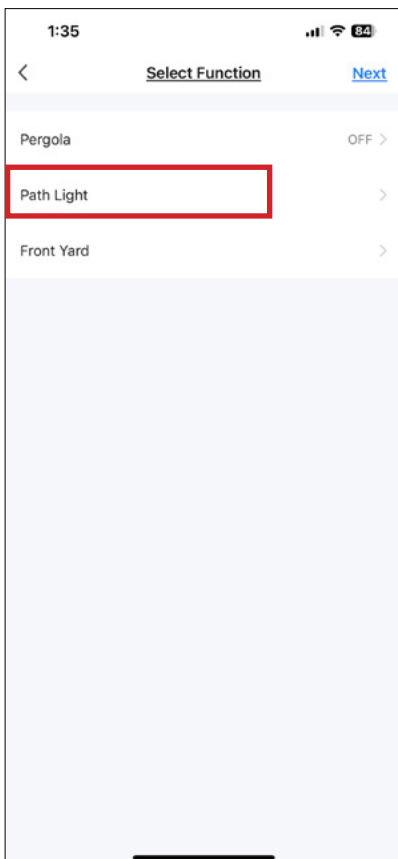
Step 3 | Fig. 29:

Select the zone you wish to control.



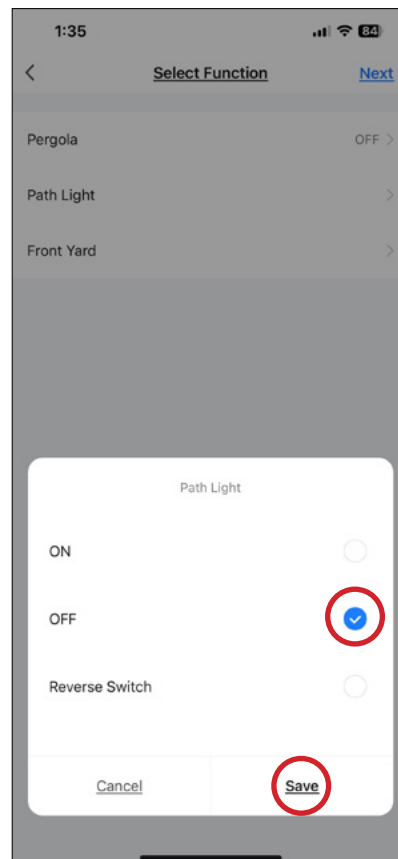
Step 3 | Fig. 30:

Select "OFF" and press "Save"



Step 3 | Fig. 31:

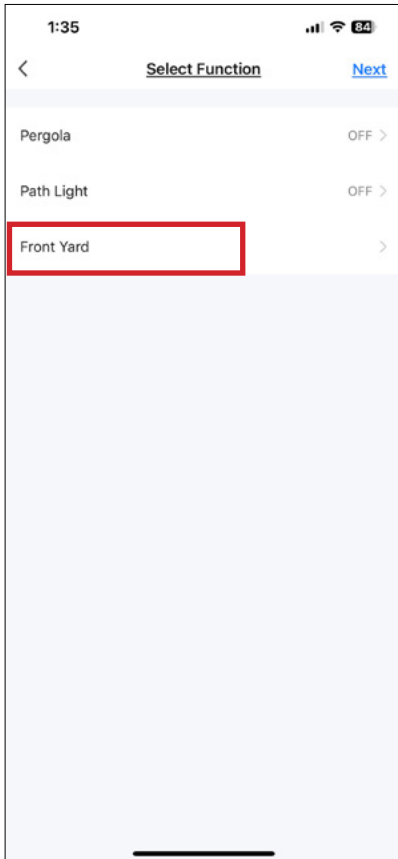
Select the zone you wish to control.



Step 3 | Fig. 32:

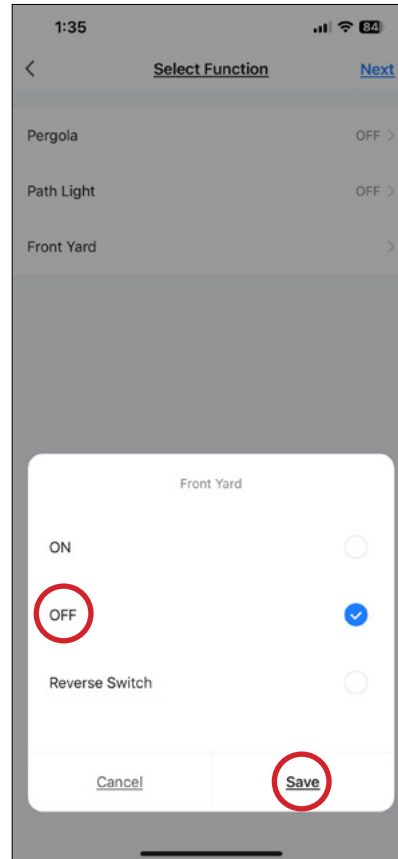
Select OFF and press "Save".

# CHAPTER 3: Programming Dusk-to-Dawn Function | SUNRISE



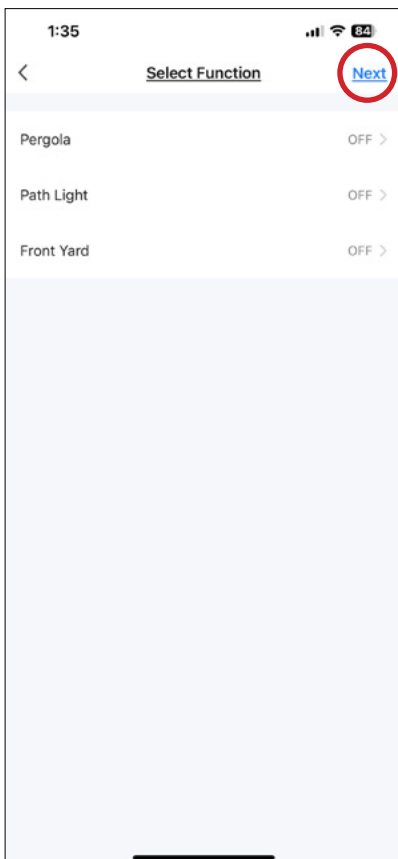
Step 3 | Fig. 33:

Select the zone you wish to control



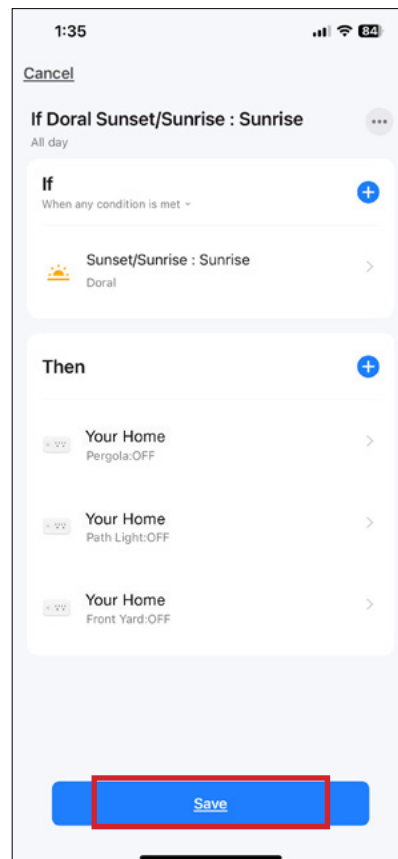
Step 3 | Fig. 34:

Select "OFF" and press "Save"



Step 3 | Fig. 35:

Press Next

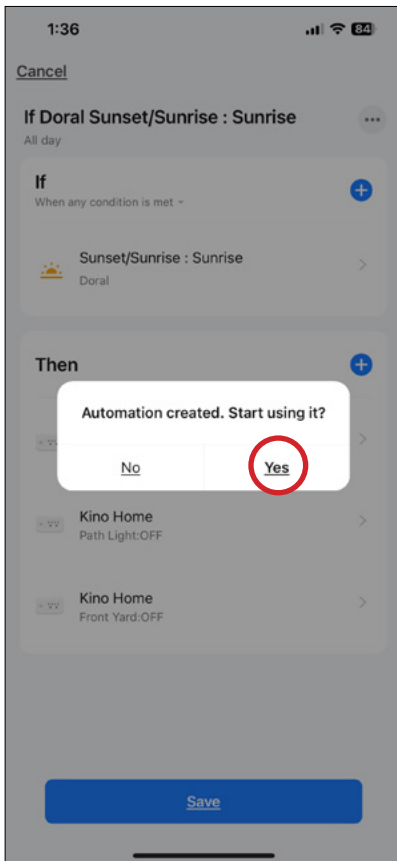


Step 3 | Fig. 36:

Press "Save"



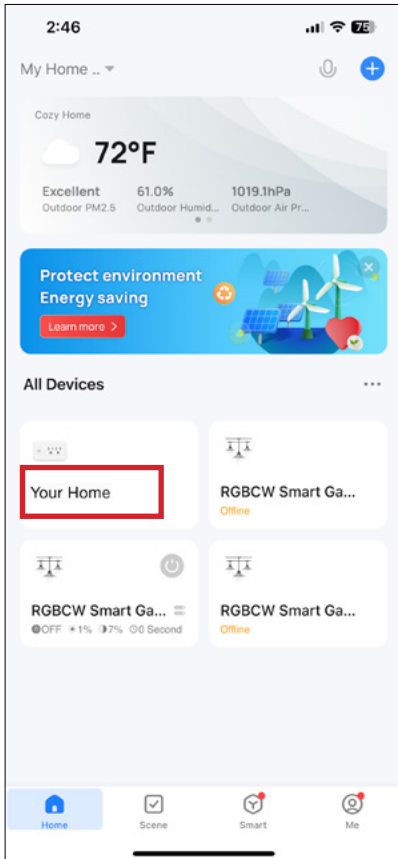
## CHAPTER 3: Programming Dusk-to-Dawn Function | SUNRISE



Step 3 | Fig. 37:

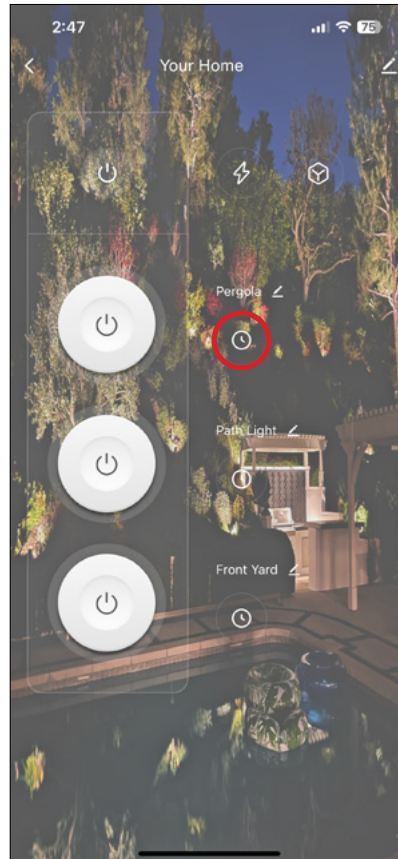
Press  
"Yes" and  
programming  
will be  
completed.

# CHAPTER 4: Scheduling Your Zones



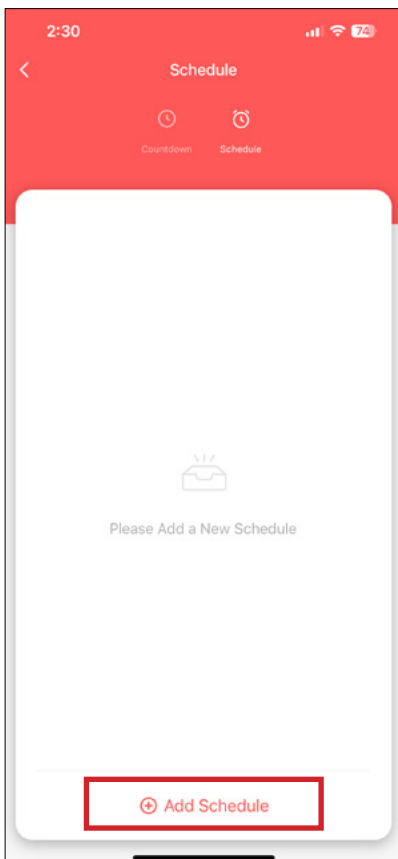
Step 4 | Fig. 1:

From your home page, press on the “Transformer” you wish to program.



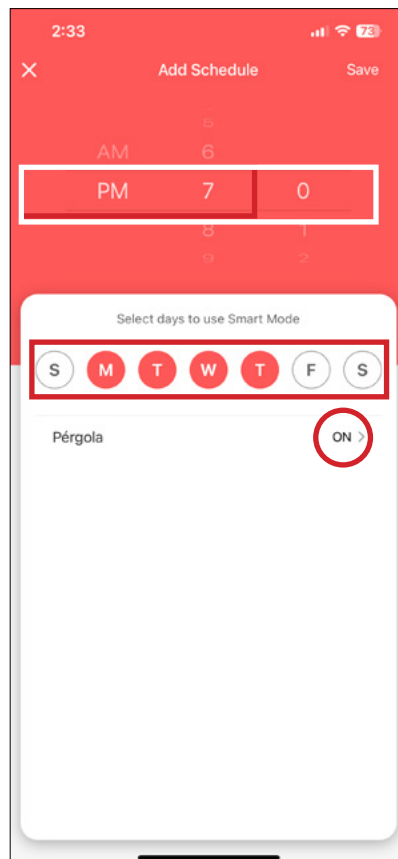
Step 4 | Fig. 2:

Press the Clock icon for the zone you wish to set to a specific time schedule.



Step 4 | Fig. 3:

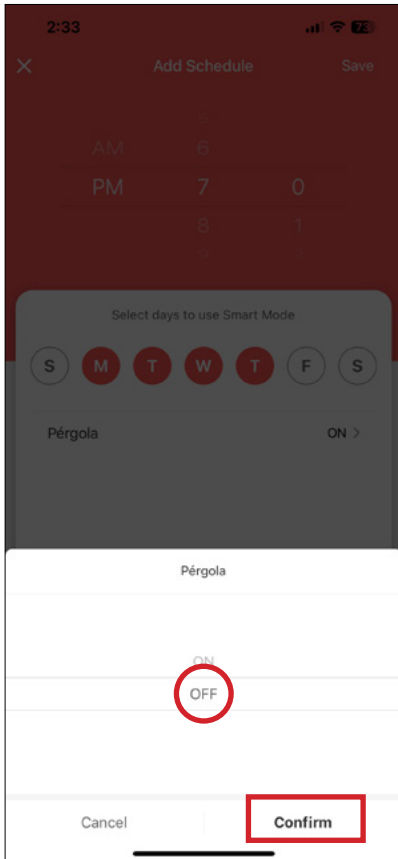
Press “Add Schedule”.



Step 4 | Fig. 4:

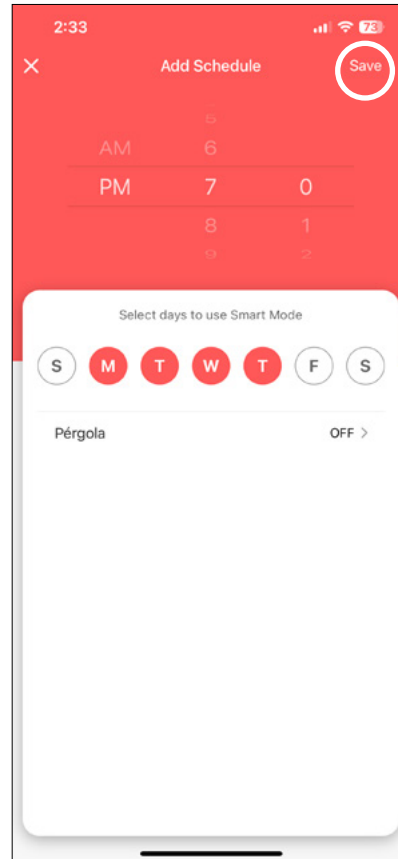
Select the days of the week you choose the lights to turn “OFF” or “ON” by pressing on the respective icons. Then set the time. Then press on the “ON” icon regardless if you want them ON or OFF.

## CHAPTER 4: Scheduling Your Zones



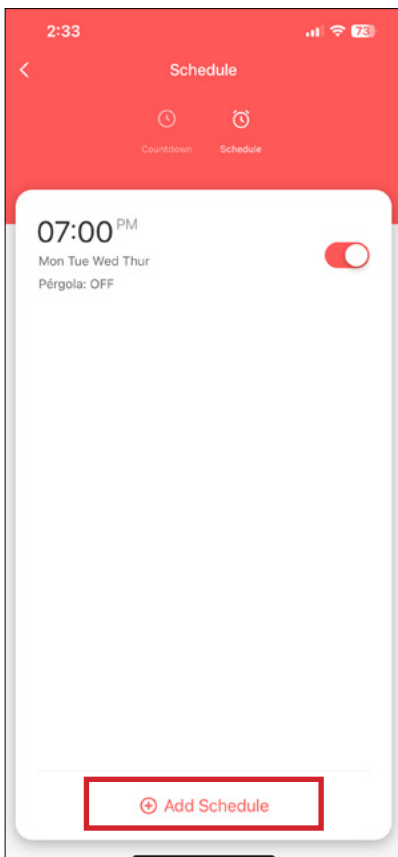
Step 4 | Fig. 5:

Select “ON” or “OFF” and press “Confirm”.



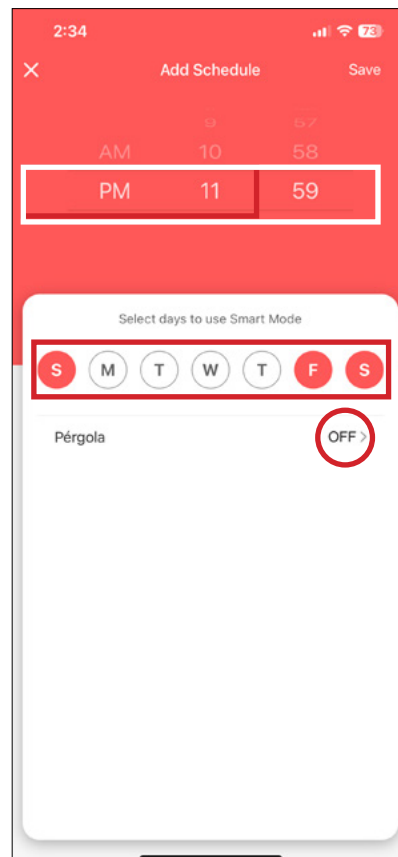
Step 4 | Fig. 6:

Press “Save”.



Step 4 | Fig. 7:

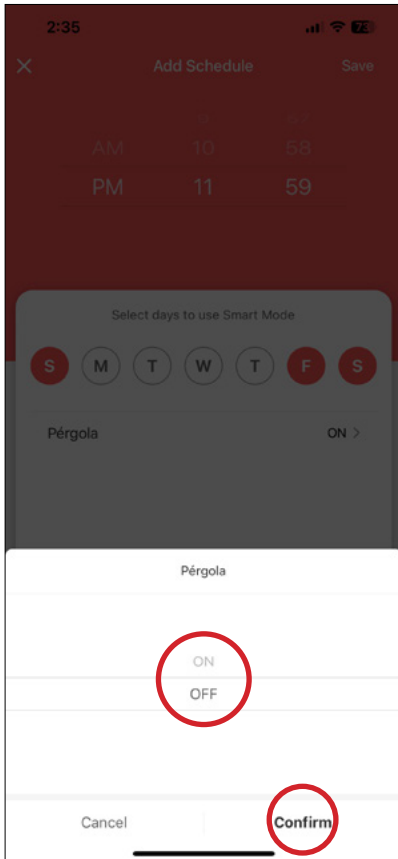
This completes the scheduling process unless you wish to add additional commands to any of the remaining days of the week. If so, please press the “Add Schedule” tab.



Step 4 | Fig. 8:

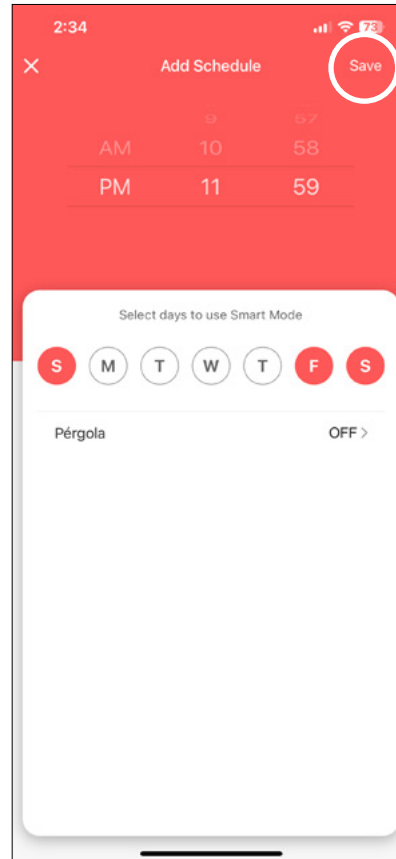
Select the days of the week you choose the light to turn “OFF” or “ON” by pressing the respective icons and then set the time. Then press the “ON” icon, regardless if you want them ON or OFF.

## CHAPTER 4: Scheduling Your Zones



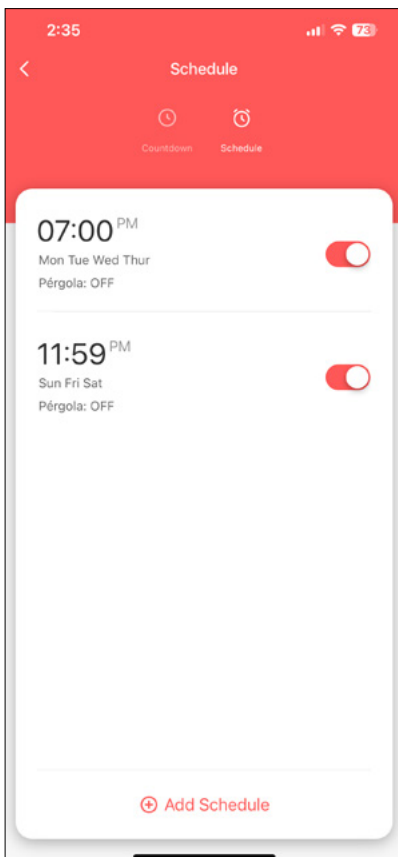
Step 4 | Fig. 9:

Select "ON" or "OFF" and press "Confirm".



Step 4 | Fig. 10:

Review your settings and press "Save".

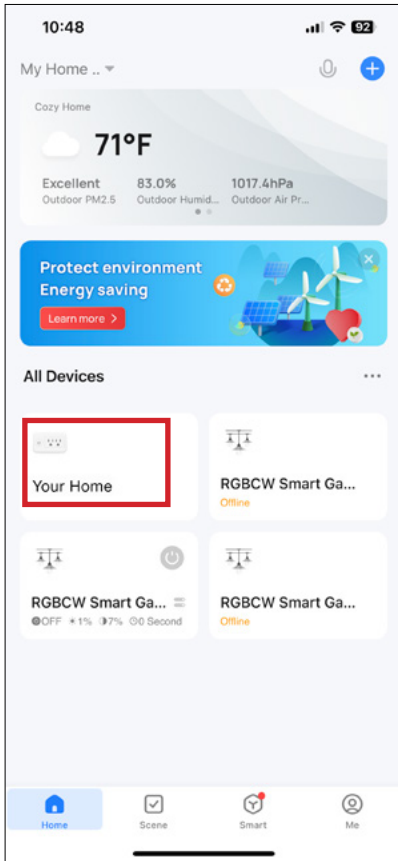


Step 4 | Fig. 11:

Your settings will be saved.

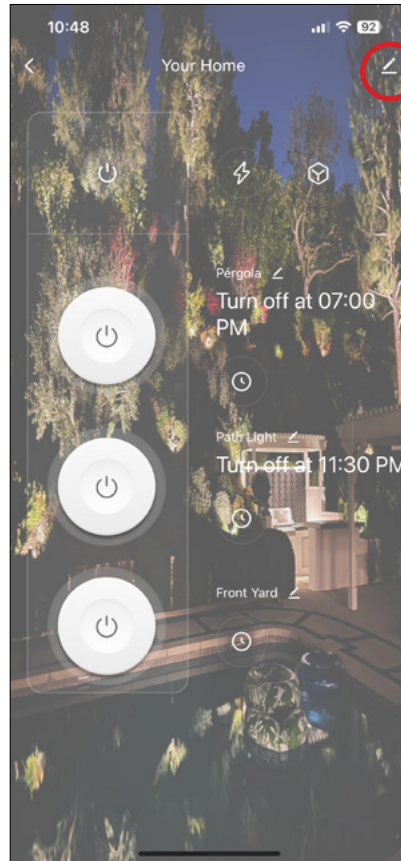
Follow the same procedure to set your additional zones.

# CHAPTER 5: How To Share & Accept Your Smart Transformer



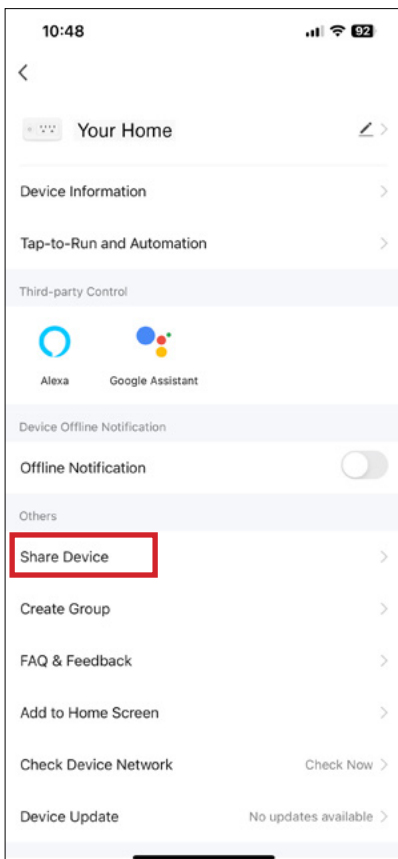
Step 5 | Fig. 1:

Press on your "Transformer" icon.



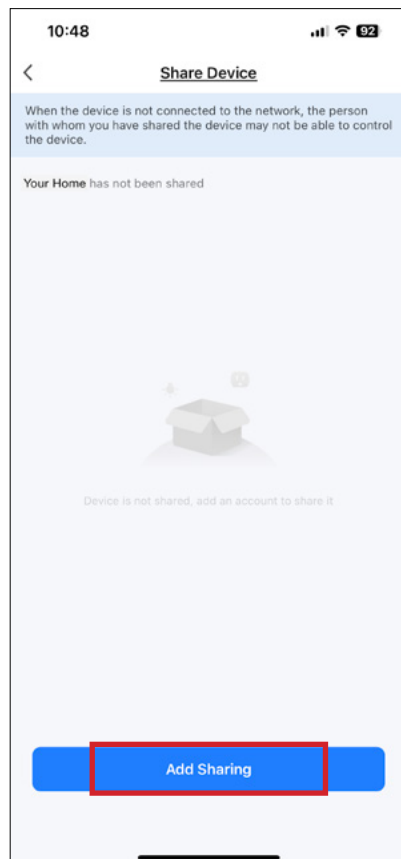
Step 5 | Fig. 2:

Press on the "pencil" tab.



Step 5 | Fig. 3:

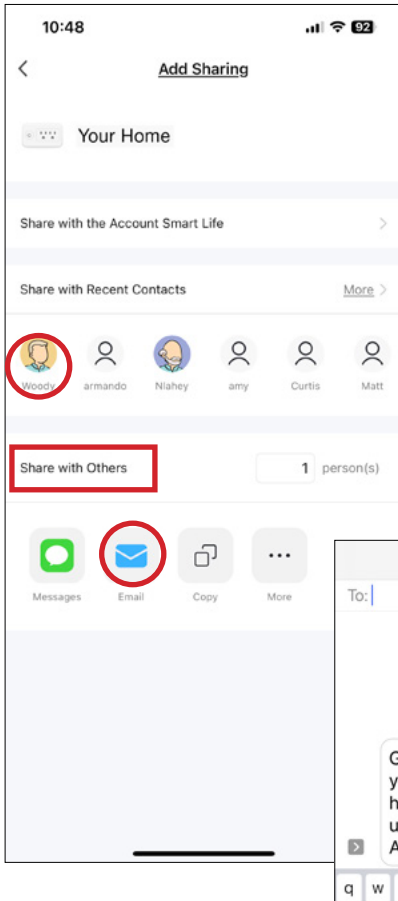
Select "Share Device".



Step 3 | Fig. 4:

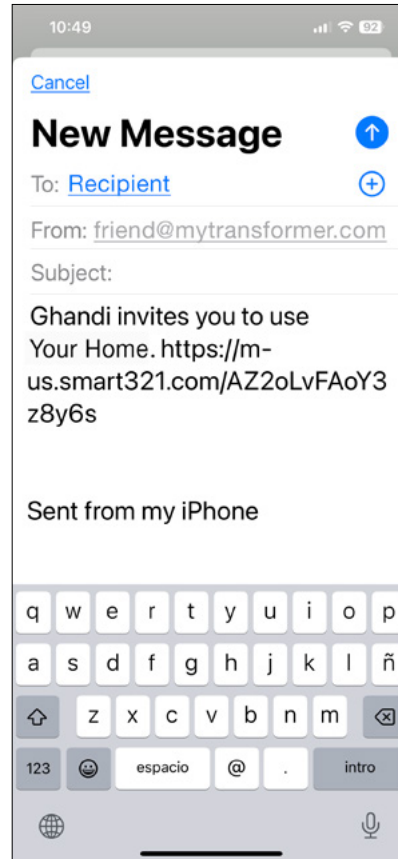
Press on "Add Sharing".

# CHAPTER 5: How To Share & Accept Your Smart Transformer



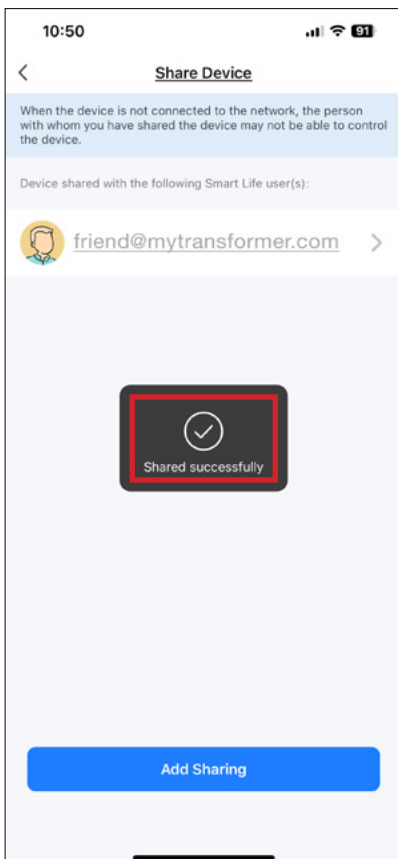
Step 5 | Fig. 5:

Share your Smart transformer by text. Type the recipient's name or tap on their name in your contact(s) or start a new text and fill in their name next to "To:"



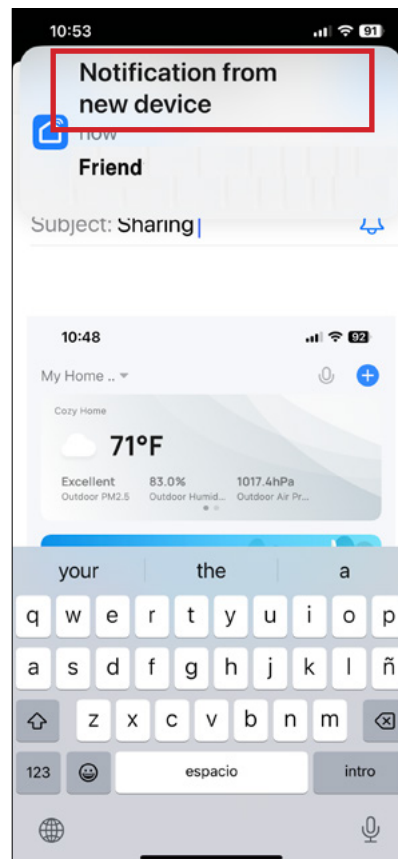
Step 5 | Fig. 6:

You may also share your device via email.



Step 5 | Fig. 7:

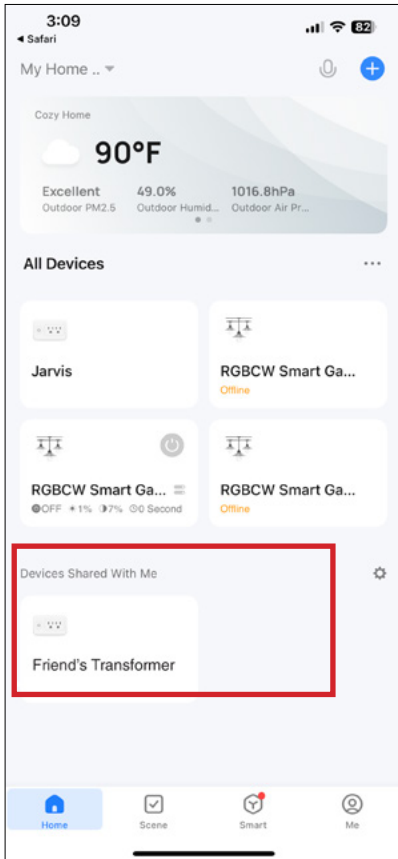
"Shared successfully" indicates your device has been shared with your recipient.



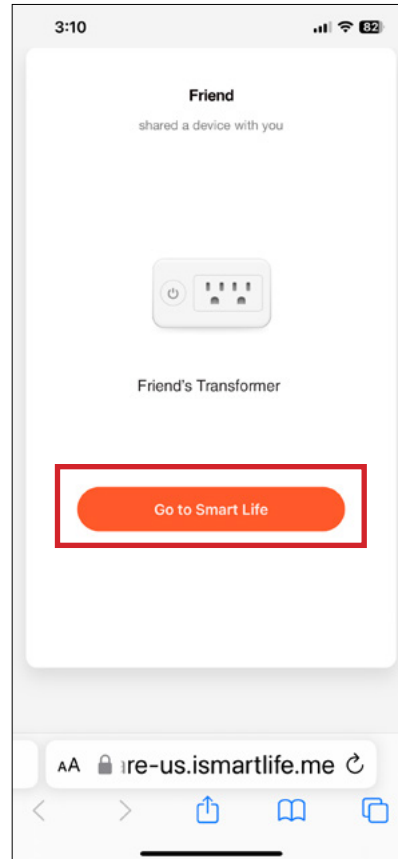
Step 5 | Fig. 8:

When you share your transformer, your recipient will receive a "notification from new device".

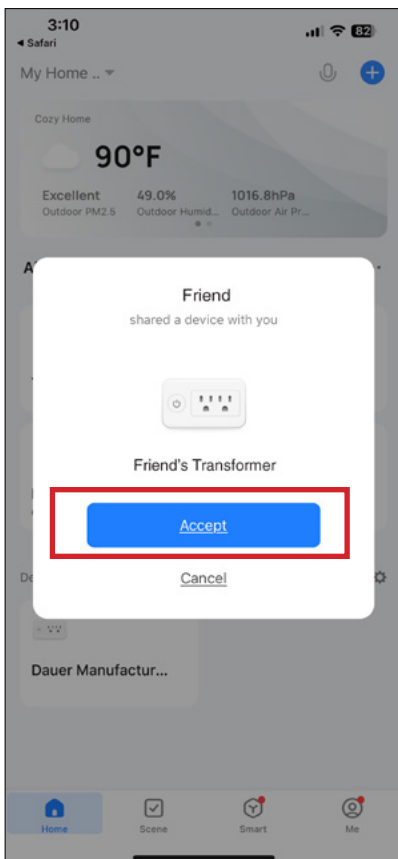
# CHAPTER 5: How To Share & Accept Your Smart Transformer



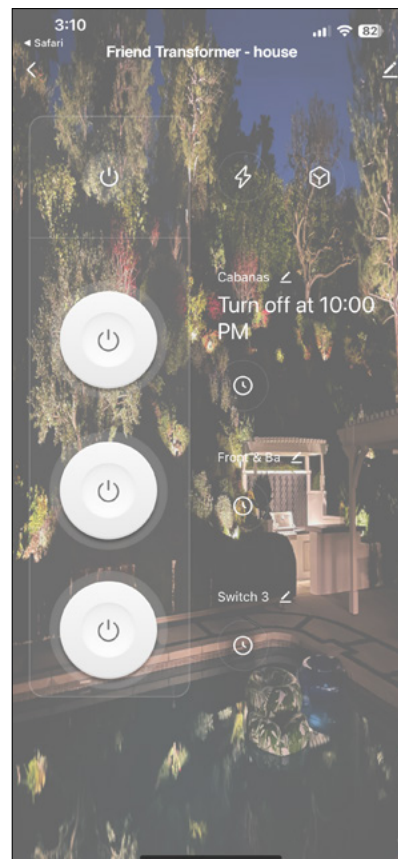
Step 5 | Fig. 9:  
The sender's Smart Transformer will appear on the recipient's home page under "Devices Shared with Me". The recipient will press on the sender's Smart Transformer icon.



Step 5 | Fig. 10:  
The recipient will press "Go To Smart Life".

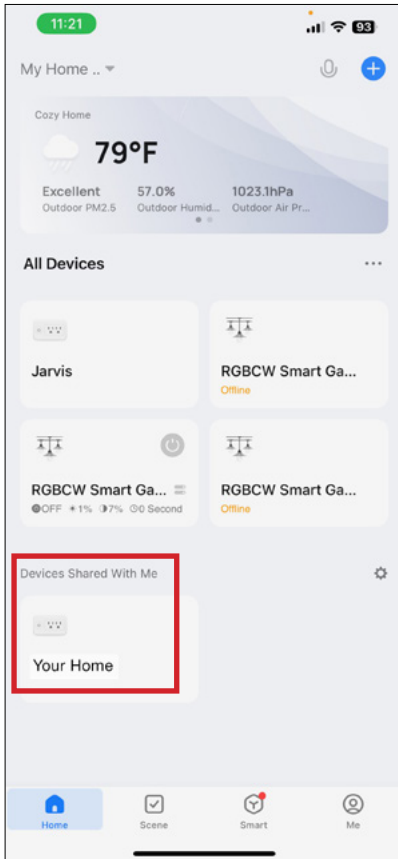


Step 5 | Fig. 11:  
The recipient will press "Accept".



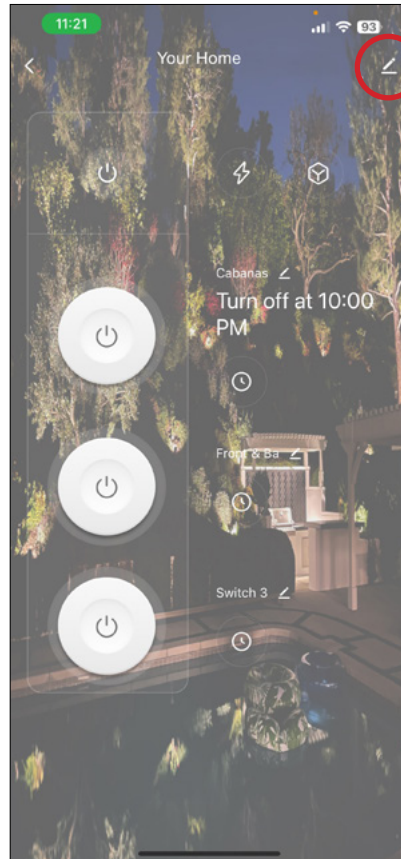
Step 5 | Fig. 12:  
The recipient now has access to the shared transformer.

# CHAPTER 5a: How To Unshare Your Smart Transformer



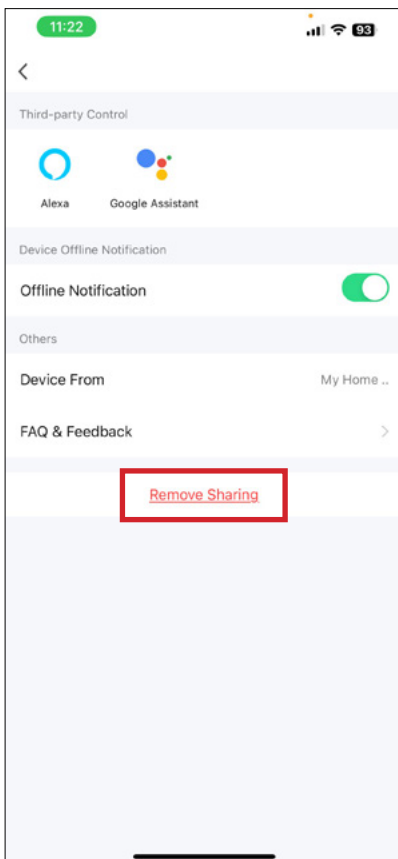
Step 5a | Fig. 1:

To remove a shared transformer from your app, go to your home page and select the device you would like to remove.



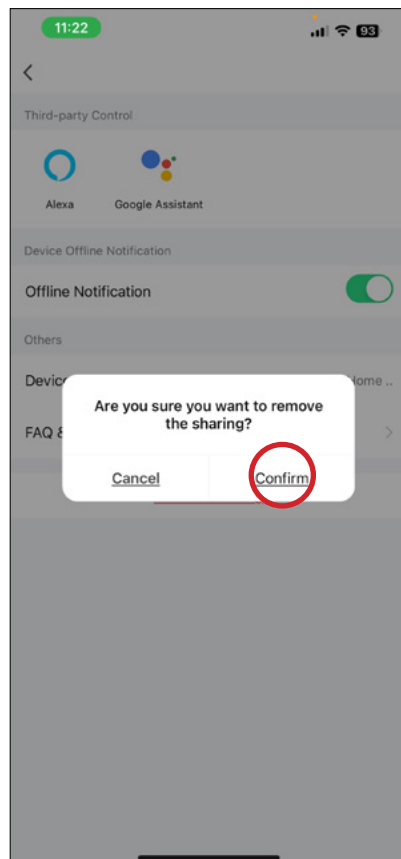
Step 5a | Fig. 2:

Once the device to be removed is selected, you will see the control panel for that device. Press on the pencil icon.



Step 5a | Fig. 3:

Press "Remove sharing".

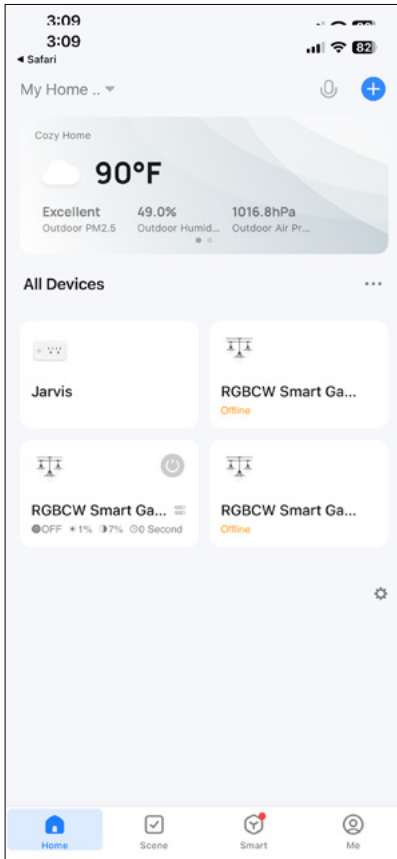


Step 5a | Fig. 4:

Press "Confirm".



## CHAPTER 5a: How To Unshare Your Smart Transformer



Step 5a | Fig. 5:

Device is no longer visible on your transformer screen.

# CHAPTER 6: Transformer Power Consumption



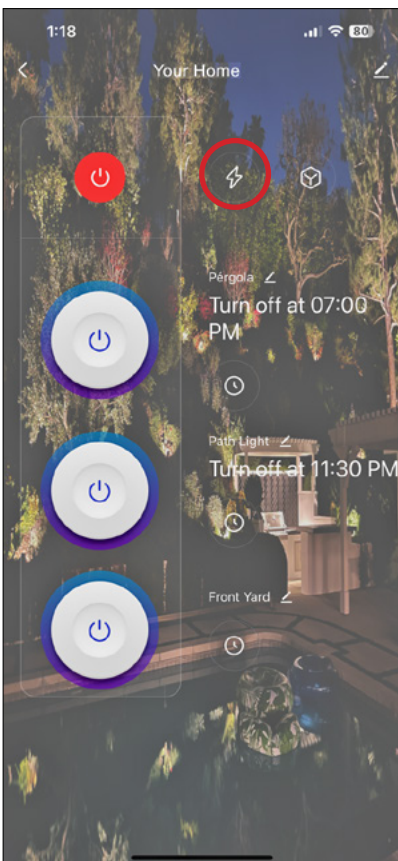
Step 6 | Fig. 1:

Press the lightning bolt icon on your control panel.



Step 6 | Fig. 2:

This screen shot shows that there is no load on the transformer because the power is turned OFF. It also shows the input voltage going to the transformer.



Step 6 | Fig. 3:

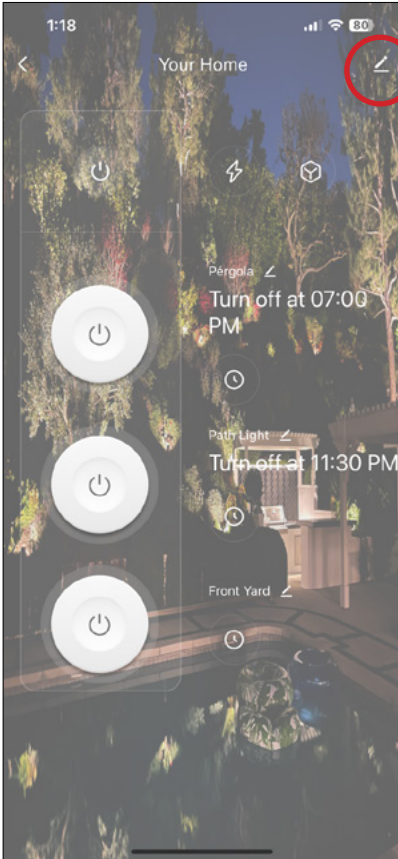
With the power ON, let's see what the power draw is on the transformer. Press the "lightning bolt" icon.



Step 6 | Fig. 4:

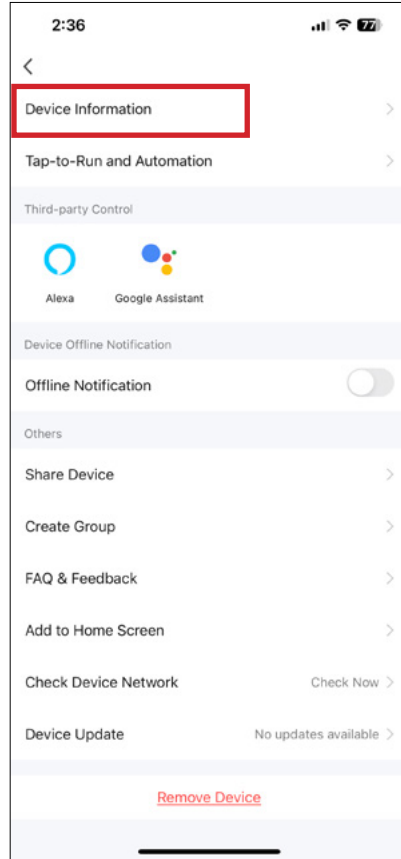
This feature not only shows you what the total power consumption is in Watts Amp, but it also accounts for wire losses! The system is running three 6W fixtures with a total of 18W. However, when you add the wire losses, it's actually consuming 21.1W! It also provides the total KWh consumed by the system.

# CHAPTER 7: Device Info & Running Systems Diagnostics



Step 7 | Fig. 1:

From your control panel, press on the “pencil” icon.



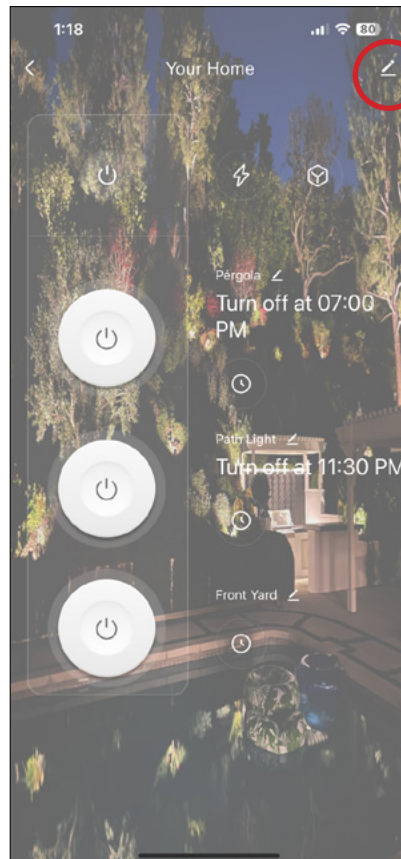
Step 7 | Fig. 2:

Select the “Device Information” tab.



Step 7 | Fig. 3:

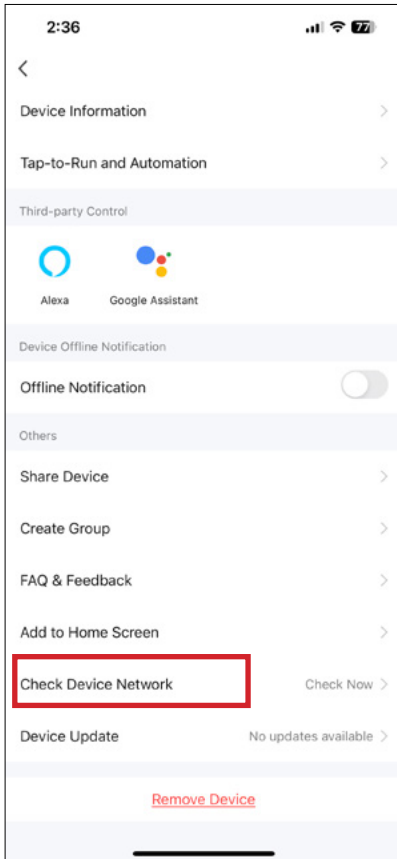
This shows you what time zone your device is set on and the Wi-Fi signal strength.



Step 7 | Fig. 4:

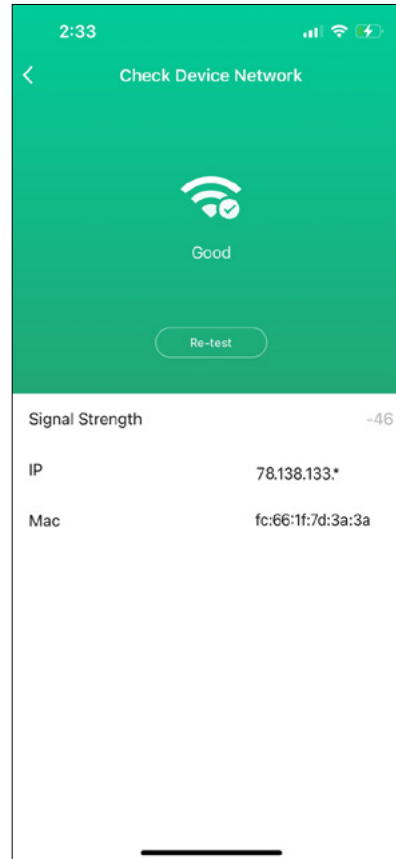
From your control panel, press on the “pencil” icon.

## CHAPTER 7: Device Info & Running Systems Diagnostics



Step 7 | Fig. 5:

Select  
“Check  
Device  
Network”.



Step 7 | Fig. 6:

You can check  
the quality of  
your signal  
strength within  
seconds.

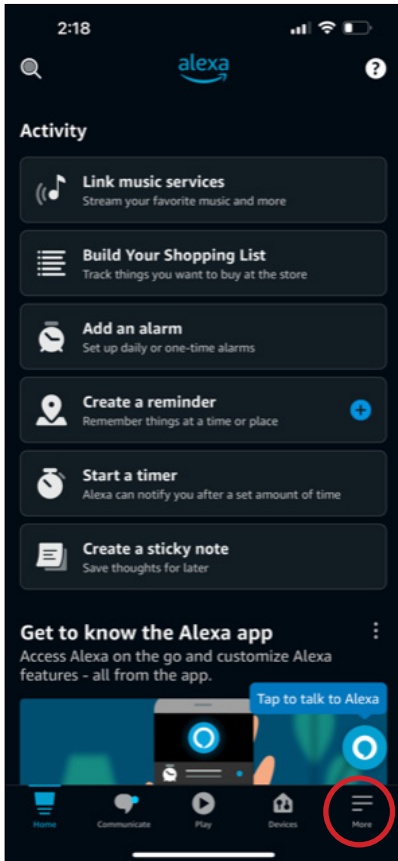
## CHAPTER 8: Set Up Bluetooth Control Mode

First you **MUST** follow and complete the WI-FI set up. This is necessary because all of the control settings are stored in the cloud, not in the transformer. Please see Chapter 1 in the instruction manual.

Once you have completed the pairing of the app to the smart transformer via Wi-Fi, simply go to your phone settings and turn **OFF** your WI-FI and your cellular settings and you will automatically be in Bluetooth control mode.

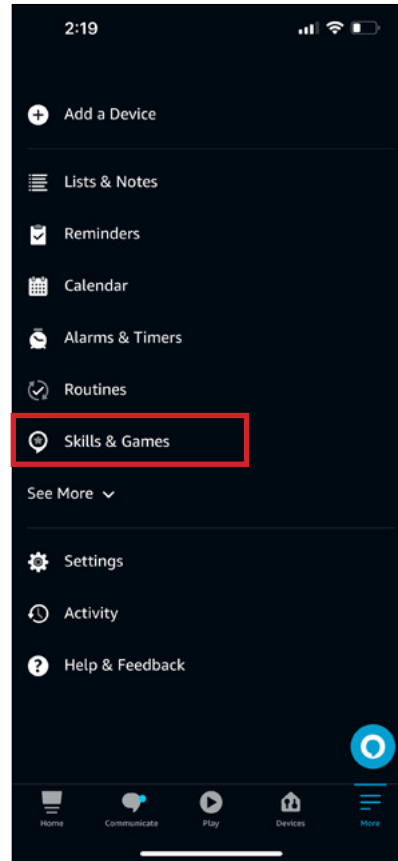
To operate in Bluetooth mode, you must be within 30 meters of the Smart Transformer.

# CHAPTER 9: Alexa Set Up



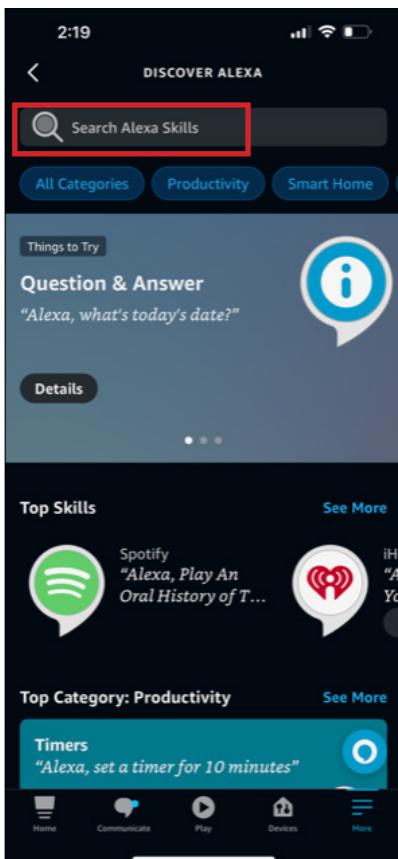
Step 9 | Fig. 1:

Download the Alexa app to your phone. Press on the “more” button in the lower right-hand corner.



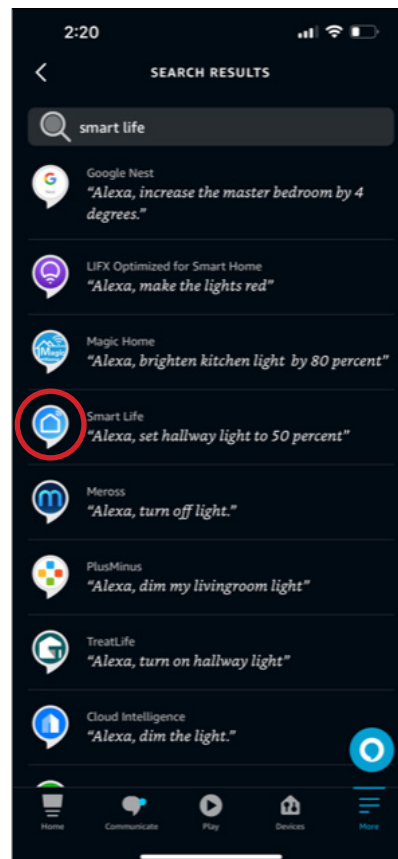
Step 9 | Fig. 2:

Select “Skills & Games”.



Step 9 | Fig. 3:

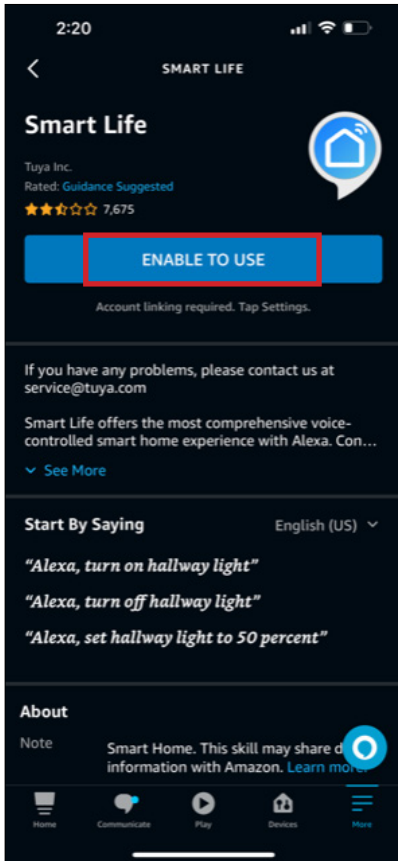
Press on the Smart Life icon. If the Smart Life icon does not appear, press on the “magnifying glass” icon and type in “Smart Life”. The icon should appear.



Step 9 | Fig. 4:

Press on the “Smart Life” icon.

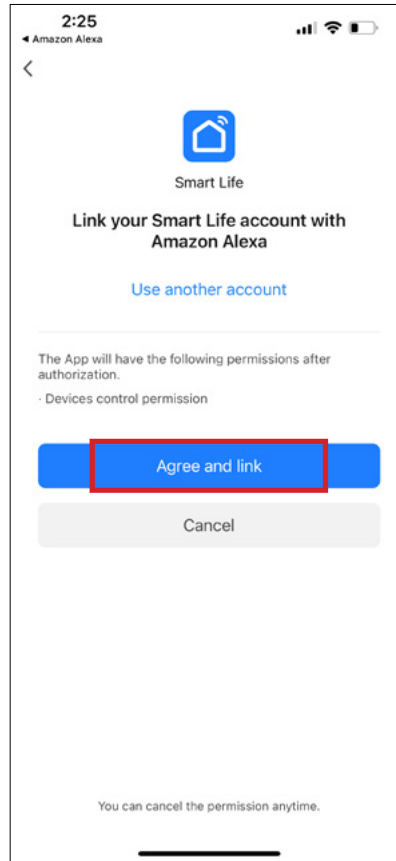
# CHAPTER 9: Alexa Set Up



Step 9 | Fig. 5:

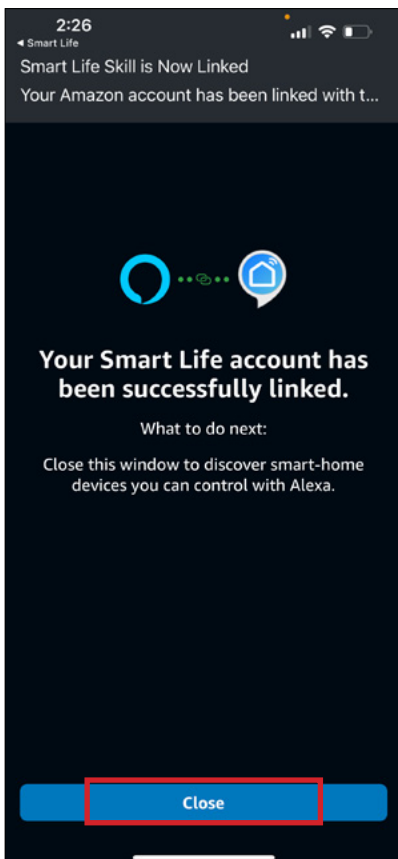
Press “Enable To Use” and enter your credentials.

“Enable To Use” screen will appear. Please allow Alexa to link and tap settings. Enter your Smart Life password so Alexa may access the devices in your Smart Life app.



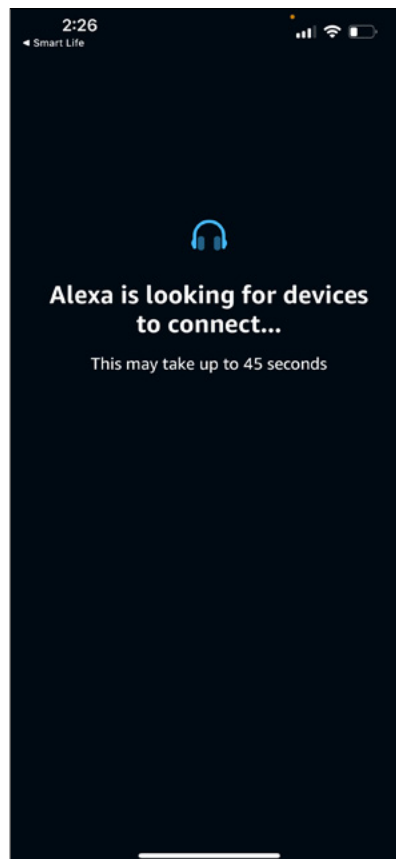
Step 9 | Fig. 6:

Once done, press “Agree and link”.



Step 9 | Fig. 7:

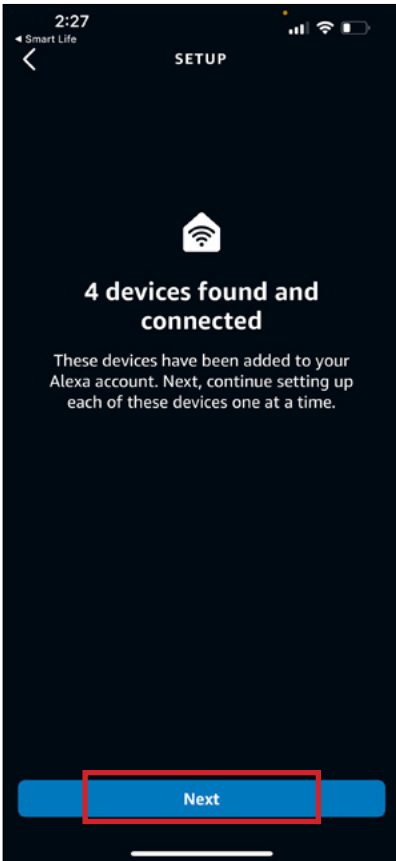
Your screen should confirm the account has been successfully linked. Press the “Close” button.



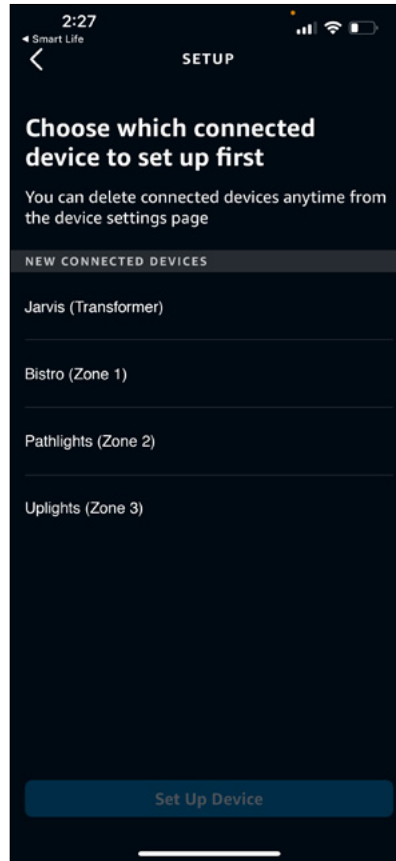
Step 9 | Fig. 8:

Allow Alexa to discover devices and wait for devices to populate. This may take a few minutes. You may want to refresh the Alexa app by closing and re-opening it.

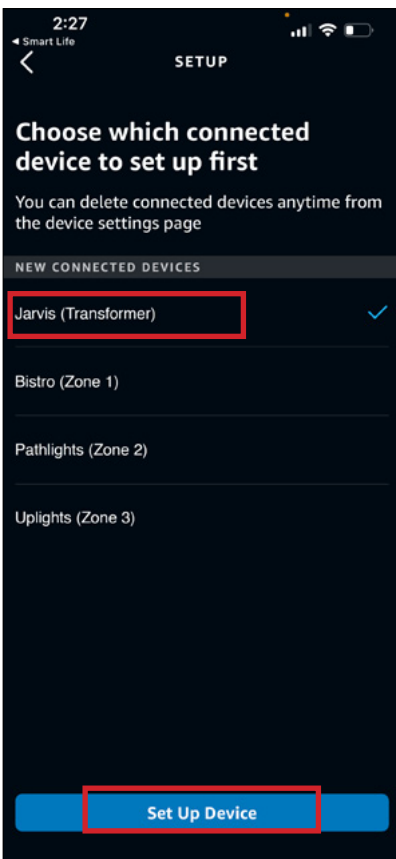
# CHAPTER 9: Alexa Set Up



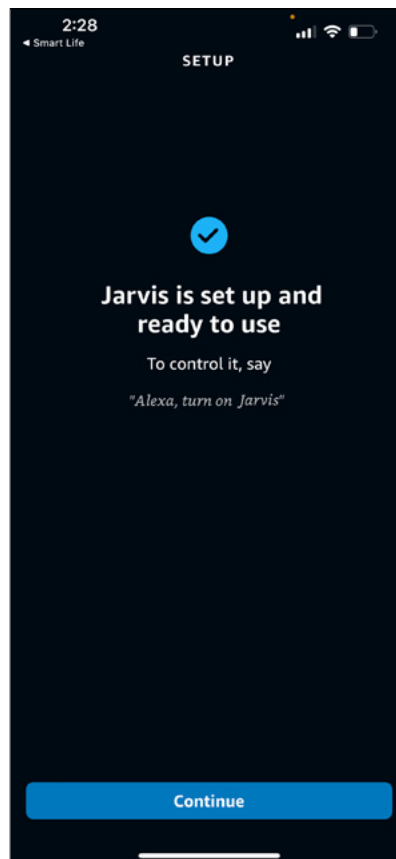
Step 9 | Fig. 9:  
Press "Next".



Step 9 | Fig. 10:  
You are ready to set up your zones.



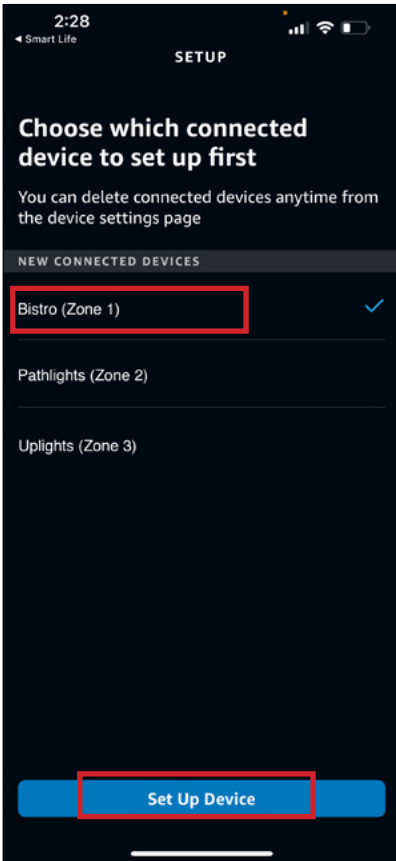
Step 9 | Fig. 11:  
Select zone to set up and press "Set Up Device".



Step 9 | Fig. 12:  
You will receive a message that your 300W Smart transformer is ready to use.

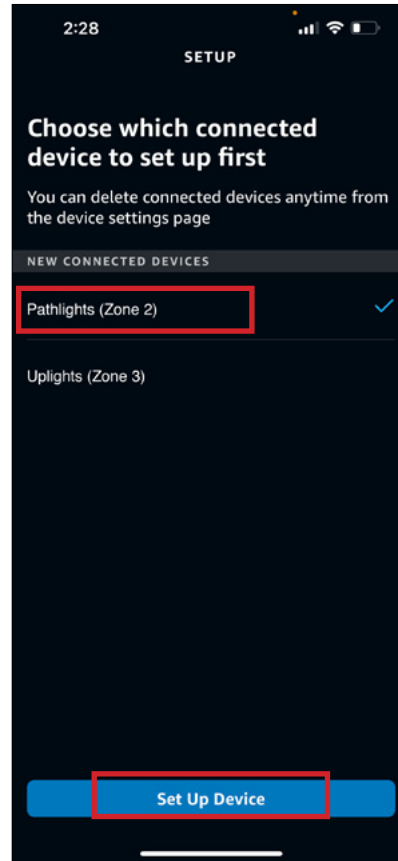


# CHAPTER 9: Alexa Set Up



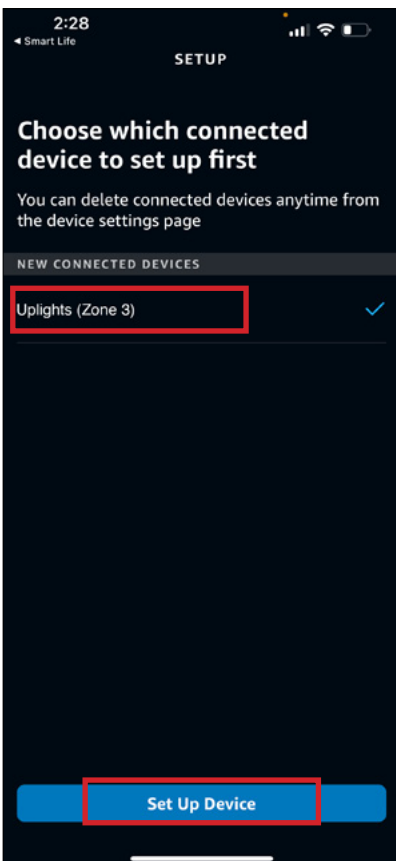
Step 9 | Fig. 13:

Follow the same steps above to set up Zone 1.



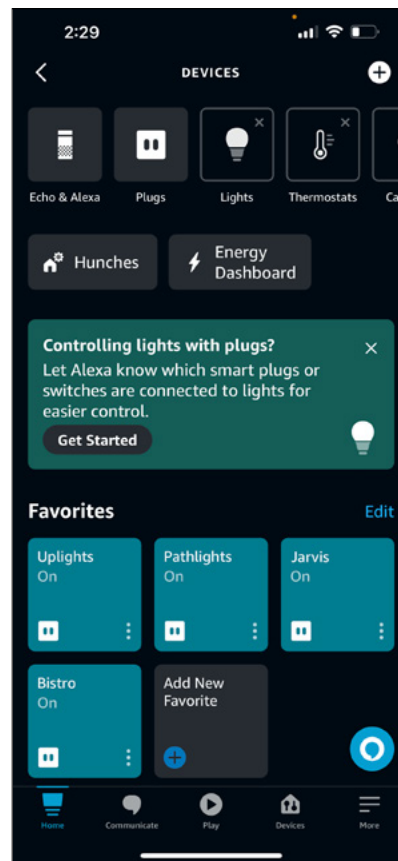
Step 9 | Fig. 14:

Follow the same steps above to set up Zone 2.



Step 9 | Fig. 15:

Follow the same steps above to set up Zone 3.



Step 9 | Fig. 16:

One button will control your transformer and the other three will control your zones. You can control all of these through Alexa or ask Alexa verbally.