Voltson Smart WiFi Outlet

Model No.: ESW01-USA

Questions or Concerns?
Mon–Fri, 9:00 am–5:00 pm PST/PDT
support@etekcity.com • (855) 686-3835
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 VeSync app and use your phone to control your connected electrical appliances anywhere, 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!

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## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Mode</td>
<td>IEEE802.11b/g/n (WiFi)</td>
</tr>
<tr>
<td>Communication Frequency</td>
<td>2400-2483.5MHz</td>
</tr>
<tr>
<td>Wireless Distance (Outlet to Router)</td>
<td>98-164 ft / 30-50 m (max visible range)</td>
</tr>
<tr>
<td>Maximum Switch Current</td>
<td>8A</td>
</tr>
<tr>
<td>AC Power Supply Range &amp; Supply Frequency</td>
<td>AC 120V, 60Hz</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>0.7-1.2W</td>
</tr>
<tr>
<td>Operating Environment</td>
<td>14°F-104°F / -10°C-40°C</td>
</tr>
<tr>
<td>Storage &amp; Transportation Environment</td>
<td>-4°F-104°F / -20°C-60°C</td>
</tr>
<tr>
<td>Size</td>
<td>4 x 2.5 x 1.2 in / 102 x 62 x 30 mm</td>
</tr>
<tr>
<td>Compatible Systems</td>
<td>Android™ 4.3 or higher / iOS™ 8.0 or higher</td>
</tr>
</tbody>
</table>

**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 that are too thick, such as walls, floors, and furniture.
- 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 8A (approximately 960W) by plugging in appliances that require a higher load current. Always check the electrical power rating 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.
• Household use only.

SAVE THESE INSTRUCTIONS
FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following 2 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 the equipment.

NOTE: 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 or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Notice

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 the 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 20 cm 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 running on iOS 8.0/Android 4.3 or higher.
- A secure 2.4GHz WiFi connection (supports 802.11b/g/n standard).

The smart outlet is compatible with electrical appliances that use 8A current. Connecting an appliance that uses more than 8 A current may cause the outlet fuse to blow.

Product Diagram

A. Power Button
B. LED Indicator
<table>
<thead>
<tr>
<th>Light Color</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Yellow</strong></td>
<td>Solid</td>
<td>Outlet is on</td>
</tr>
<tr>
<td><strong>Blue / Purple</strong></td>
<td>Blinks twice every 5 seconds</td>
<td>Outlet is trying to connect to WiFi</td>
</tr>
<tr>
<td></td>
<td>Blinks once every 5 seconds</td>
<td>Outlet is connected to WiFi, but is trying to connect to server</td>
</tr>
<tr>
<td></td>
<td>2 blinks per second</td>
<td>Outlet is in Configuration Mode</td>
</tr>
<tr>
<td></td>
<td>4 blinks per second</td>
<td>Outlet was reset</td>
</tr>
<tr>
<td><strong>None</strong></td>
<td>No light</td>
<td>Outlet is off</td>
</tr>
</tbody>
</table>
VeSync App Setup

Note: Due to continuing updates and improvements, the VeSync app and IFTTT app user interfaces may appear slightly different. In case of any differences, follow the in-app instructions.

1. To download the VeSync app, scan the QR code or search “VeSync” in the Apple App Store® or Google Play™ Store.

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

2. Open the VeSync app. Tap Sign Up to create a new account.

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

Set up your outlet with the VeSync app.

1. Connect your smartphone to a secure 2.4GHz WiFi network.

   **Note:** *The smart outlet can only be set up on a secure 2.4GHz network.*
2. Tap + to add your smart outlet.
3. Tap **WiFi Outlets**.
4. Tap **Etekcity WiFi Outlet US/CA**.
5. Tap **Start Setup**.
6. Plug in your smart outlet. The LED indicator light should be blue. Press and hold the power button for 5 seconds, or until the LED indicator light blinks blue (2 blinks per second). Then tap **Next**.

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

7. Enter the information for your home WiFi network then tap **Join Network**.

   **Note:** *Configuration requires a secure 2.4GHz WiFi network.*
8. Tap **Connect** and select the access point that starts with “ESP”.
9. Wait for the app to connect.
10. 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**.
Functions

Turning Devices On/Off

To turn the outlet on/off:

A. Press the outlet’s power button.
B. Tap ⚪️ on the My Home screen or the smart outlet screen in the VeSync app.

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

Create a schedule to set a scheduled time for the smart outlet to turn on/off.

1. Tap + Create schedule.
2. Set a start and end time.
A. To set a start time:
   i. Tap > next to Start.
   ii. Scroll up and down to select time. Alternatively, tap < for Sunrise and > for Sunset.
   iii. Tap ☑ to confirm.

**Note:** You must allow the VeSync app to access your location to determine when sunrise and sunset are for your area.
B. Choose **On** or **Off** under the start time.
C. To set an end time (optional):
   i. Tap › next to End.
   ii. Scroll up and down to select time. Alternatively, tap < for Sunrise and › for Sunset. 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** under the end time.
E. **Repeat** *(Optional)* - Select days you want this schedule to repeat.
3. Turn the schedule on or off on the smart outlet page by tapping the toggle next to the scheduled time.
Create Timer

You can set a timer to turn your smart outlet on and off.

1. Tap **Timer**. Then, + **Create Timer**.
2. Scroll up and down to set time and select **On** or **Off**. Tap ✓ to confirm and start timer.
3. Tap ⏻ to stop the timer. Tap ⏯ to restart the timer.

Note: To remove the timer entry, tap on the timer entry, then tap Delete.
Away Mode

Plug in your appliances (such as lights) and have them turn on and off periodically to give the appearance that someone is home while you’re away.

1. Tap **Away**, then + **Set Away Mode**.
2. Select an option from the Away Mode screen.
A. **Start**
Set time to start Away Mode.

a. Tap > next to **Start**.

b. Scroll up and down to select time.

c. Tap ✔ to confirm.
B. **End**

Set time to end Away Mode.

a. Tap > next to **End**.

b. Scroll up and down to select time.

c. Tap ✓ to confirm.
C. **Repeat**

Select days you want to repeat Away Mode.

- **a.** Tap › next to **Repeat**.
- **b.** Select days you want Away Mode to repeat.
- **c.** Tap ✓ to confirm.
3. You can turn Away Mode on/off at any time by tapping the toggle button to the right of the timer.

Note: To delete Away Mode, tap on the Away Mode entry, then tap Delete.
Smart Outlet Settings

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

A. Edit your smart outlet name by tapping on the current name next to “Device Name”.
B. Edit your smart outlet picture by tapping on the current image next to “Icon”.
C. Turn smart outlet notifications on/off by tapping the toggle button next to “Allow Notifications”.
D. Turn on/off Energy Saving Mode (see page 31).
E. Turn on Abnormal Power Protection (see page 32).
F. Share your smart outlet (see page 33).
G. Tap to update firmware.
H. Delete your smart outlet (see page 34).
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 or 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 Power Protection to protect your connected appliances from power spike damage.

1. Tap the toggle switch to turn Power Protection on or off.
2. Enter power usage 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 + on the Share Device screen.
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.

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

Connecting with Amazon® Alexa™

To view instructions in 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 Assistant™

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

Note: You must create your own VeSync account to connect with Google Assistant.
Log Out

1. Tap More at the bottom of the screen.
2. Tap your profile, then tap Log Out.

Note: You do not need to log out if you are not using a VeSync account.
Contact Customer Support

You can contact our friendly Customer Support Team through the VeSync app, in addition to the help line.
• To chat directly with our US office Customer Support Team, tap **Inbox** at the bottom of the screen. Then, tap **Online support** to send a chat message.

**Note:** *Chat hours are Mon-Fri, 9:00 am-5:00 pm PST/PDT. Messages sent outside chat hours will receive an email response.*

• To send feedback directly to our VeSync app team, tap **More** at the bottom of the screen, then tap **Contact Us**. Please note that our VeSync app team may have a longer response time.
• You can also contact Customer Support by email or phone (see page 55).
IFTTT

Pairing Your Smart Outlet with IFTTT

1. Download the IFTTT app from the Apple 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!
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**.


**Note:** *Popular Trigger Services include Date & Time, Location, and an Amazon Alexa or Google Home Command. Different Trigger Services have different user interfaces.*
3. After selecting the Trigger Service, tap [+that] 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!

![New Applet screen](image-url)
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.

Resetting

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

Press and hold the power button for more than 15 seconds, or until the light indicator blinks blue rapidly (4 times per second). The light indicator will blink rapidly for 10 seconds, and the smart outlet will turn off.
Troubleshooting

Why aren’t my outlets connecting to the VeSync app?

- During the setup process, you must be connected to a secure 2.4GHz WiFi network.
- Make sure the WiFi password you entered is correct.
- 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.
- Reset your smart outlet (see Resetting, page 49).

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.
I can’t find the “ESP” access point during configuration.
• Press and hold the power button on the outlet for 5 seconds, or until the LED light starts blinking, to trigger Configuration Mode. The “ESP” access point will appear in your list of available WiFi connections.
• During Configuration Mode, the LED light on the outlet will slowly blink blue. You will have 5 minutes to pair the outlet with your phone.

My outlet is offline.
1. Make sure your router is connected to the internet, and your phone’s network connection is working properly.
2. Delete the offline outlet from the VeSync app. Swipe left (iOS) or tap and hold (Android), and tap Delete.
3. Reset the outlet by pressing and holding the power button for more than 15 seconds, or until the LED light starts blinking. The light will blink for 10 seconds and turn off.
4. Once the outlet has been deleted and reset, reconfigure your outlet with the VeSync app.
5. When the outlet is online again, go to Device Settings, and tap Upgrade Firmware.

Note: Power outages, internet outages, or changing WiFi routers may cause your outlets to go offline.
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 9), refresh the main menu screen by closing and reopening the app.

Amazon Alexa or Google Assistant 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 Amazon Alexa or Google Assistant is working properly.

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.

If your problem is not listed, please contact Customer Support (see page 55).
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 PST/PDT

*Please have your order confirmation number ready before contacting Customer Support.