Voltson Smart Wi-Fi Outlet
Model No.: ESW01-USA
Thank You.

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

1 x Voltson Smart Wi-Fi Outlet
1 x Quick Start Guide

**Table of Contents**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Information</td>
<td>3</td>
</tr>
<tr>
<td>Function Diagram</td>
<td>4</td>
</tr>
<tr>
<td>iOS Set-Up &amp; Configuration</td>
<td>5</td>
</tr>
<tr>
<td>Operation</td>
<td>10</td>
</tr>
<tr>
<td>Android Set-Up &amp; Configuration</td>
<td>16</td>
</tr>
<tr>
<td>Operation</td>
<td>21</td>
</tr>
<tr>
<td>Re-configuring a Device</td>
<td>27</td>
</tr>
<tr>
<td>Deleting/Sharing a Device, Logging Out</td>
<td>28</td>
</tr>
<tr>
<td>Specifications</td>
<td>29</td>
</tr>
<tr>
<td>Troubleshooting</td>
<td>30</td>
</tr>
<tr>
<td>Warranty</td>
<td>31</td>
</tr>
<tr>
<td>Customer Support</td>
<td>32</td>
</tr>
</tbody>
</table>
Safety Information

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

- **DO NOT** exceed the maximum load current of 10A (approximately 1100W). Always check the electrical power before use to avoid potential damage to the device.
- **DO NOT** use for or near space heaters or air conditioning units.
- Keep out of reach of children.
- The outlet is for indoor use only. Avoid exposure to high-temperature sources, direct sunlight and moisture. The outlet is best used in areas with good air circulation.
- To avoid short circuiting, keep the outlet out of direct/indirect contact with water and liquids.
- **DO NOT** install the outlet in washrooms, restrooms, and any other damp environments.
- When cleaning, use a dry cloth to wipe the outlet’s surface.

- The VeSync home automation app is only compatible with Android 4.0 / iOS 7.0 operating systems and above.
- The app does not support every phone/tablet. Only use Android 4.0 / iOS 7.0 or above.
- The outlet does not support 2G/3G/4G networks for configuration.
- Before configuration, make sure the wireless network is operating normally in order to avoid adverse effects on the product operation.
Function Diagram

1. Power Button
2. Indicator Light
Setup

iOS Setup & Configuration

NOTE: Wi-Fi outlet configuration only supports a 2.4GHz Wi-Fi network. If you connect your smartphone/tablet to a 5GHz Wi-Fi network, please reconnect to 2.4GHz. A 5GHz router supports both 2.4GHz and 5GHz networks at the same time, please make sure the names of the networks are different, and then connect to the 2.4GHz network.

1. Download and install the VeSync app to your device by searching “VeSync app” in the App Store, or by scanning the QR code below.

2. Plug the smart outlet into a powered socket or power strip. A solid blue light will appear.

3. Once downloaded, open the VeSync app. Tap “Sign Up” to create an account. Enter your User ID and password and tap “Sign In”.

NOTE: Only one account can be created per device. The outlet configuration can be shared to other accounts connected to the same network once the first account has been created.

NOTE: If a blue light does not appear, follow the reconfiguration steps on page 27.
1. To begin configuration for the smart outlet, tap the button on the top right corner of the home screen, then tap “Start Config”.

2. Input your Wi-Fi network ID and password and tap “Complete Configuration”.
3. Once configuration is complete, the outlet will appear on the app home screen.

4. Connect the desired appliance to the smart outlet. Keep your appliance **ON** in order to control it through the VeSync app.

**NOTE:** If configuration fails, retry connection through APN mode. (see pages 8-9)
APN Mode
Skip to page 10 if your outlet is already configured.

1. While in the configuration menu, tap "Use APN".

2. Press and hold the outlet power button for about 10 seconds and release when the LED light starts to slowly blink blue.

3. Tap "Next".
4. Navigate to your list of available Wi-Fi networks and connect to “ESP####”. Once you are connected, return to the VeSync app.

5. Tap “Success” and input your Wi-Fi network ID and password, then tap “Complete Configuration”. Once configuration is complete, the outlet will appear on the app home screen.
Operation

Turning Devices ON/OFF

**Method 1**
While at the VeSync app home screen, tap the slider next to the desired outlet to turn it on or off.

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>●</td>
<td>The device is OFF.</td>
</tr>
<tr>
<td>●</td>
<td>The device is ON.</td>
</tr>
<tr>
<td>●</td>
<td>The device is offline.</td>
</tr>
<tr>
<td>●</td>
<td>The device is online.</td>
</tr>
</tbody>
</table>

**Method 2**
Tap on the desired outlet to access the outlet control settings. Tap the power button on the center of the screen to turn the device on or off.

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>●</td>
<td>The device is OFF.</td>
</tr>
<tr>
<td>●</td>
<td>The device is ON.</td>
</tr>
</tbody>
</table>
**Action Schedule**

Action Schedule lets you schedule and repeat an action such as turning a device on or off on desired days and times.

To add a new scheduled action:
- Tap the + button on the top right corner of the screen.

**NOTE:** While in the Action Schedule menu, use the activation switches to quickly turn on or off a saved action schedule.

---

**Add a Scheduled Action**

- **Start Time:** 01:45 PM
- **End Time:** 01:50 PM
- **Repeat:**
  - Turn device ON.
  - Turn device OFF.

- Tap to set the hours and minutes of the desired actions.
- Tap to select which days to repeat the action.
- Tap to confirm your scheduled action.
**Triggered Actions**

You can set a minimum or maximum power that an outlet can accommodate and trigger specific actions, such as switching off an outlet, receiving an email, or notification on your smartphone, when this power setting is exceeded.

To add a new triggered action:

Tap the + button on the top right corner of the screen.

To set the maximum or minimum power (units in W) of an outlet, tap on the data field next to Max Power or Min Power and a numpad pops up so you can input your desired power rating. Tap ‘Done’ when you’ve inputted your desired power rating and configure them/turn off configuration by tapping on the slider button.

To select the triggering actions, tap on the slider button located to the right of each triggering action.
Countdown

To conserve energy, you can schedule a countdown for an outlet before it automatically turns off.

To schedule a countdown:

1. Tap the  button on the main screen and a Countdown Timer dialog box will pop up.

2. Scroll on the data fields to set the desired countdown for your outlet. When you’re finished setting the countdown, tap ‘OK’ to schedule it.

3. Your outlet will automatically switch off after the countdown ends.
Action Timer

The Action Timer allows you to switch an outlet on/off on a single scheduled date and time.

To add a timed action:

Tap the + button on the top right corner of the screen.

Tap to confirm your timed action.

Tap to set the date of the desired action.

Tap to set the time of the desired action.

Turn device ON.

Turn device OFF.
Power History
Tap "Power History" to view a device's power consumption.

Action Log
To see the usage and action history of a device, tap "Action Log".

Information
To download the latest firmware updates, tap "More", then tap "Information".

Edit Device
To edit the device name and information, tap "More", then tap "Edit Device".

To change the device icon, tap the current icon, then select what device you are controlling.
Setup

Android Setup & Configuration

**NOTE:** Wi-Fi outlet configuration only supports a 2.4GHz Wi-Fi network. If you connect your smartphone/tablet to a 5GHz Wi-Fi network, please reconnect to 2.4GHz. A 5GHz router supports both 2.4GHz and 5GHz networks at the same time, please make sure the names of the networks are different, and then connect to the 2.4GHz network.

1. Download and install the VeSync app to your device by searching “VeSync app” in Google Play Store, or by scanning the QR code below.

2. Plug the smart outlet into a powered socket or power strip. A solid blue light will appear.

3. Once downloaded, open the VeSync app. Tap **“Sign Up”** to create an account. Enter your User ID and password and tap **“Sign In”**.

**NOTE:** If a blue light does not appear, follow the reconfiguration steps on page 27.

**NOTE:** Only one account can be created per device. The outlet configuration can be shared to other accounts connected to the same network once the first account has been created.
Configuration

1. To begin configuration for the smart outlet, tap the button on the top right corner of the home screen, then tap “Start Config”.

2. Input your Wi-Fi network ID and password and tap “OK”.

Connect your outlet to a powered socket. If the light automatically illuminates solid blue when the outlet is plugged in, skip to the next step. Otherwise, press and hold the outlet power button until the LED light turns to solid blue, then continue to the next step.

The outlet only works with 2.4G type WiFi. If your phone WiFi is 5G type, you should connect it to 2.4G WiFi station.

- WiFi ID: Etekcity_WiFi
- Password: No Value

[Advanced Configuration]
3. Once configuration is complete, the outlet will appear on the app home screen.

4. Connect the desired appliance to the smart outlet. Keep your appliance **ON** in order to control it through the VeSync app.

**NOTE:** If configuration fails, retry connection through APN mode (see pages 19-20).
**APN Mode**
Skip to page 21 if your outlet is already configured.

1. While in the configuration menu, tap **“Use APN”**.

2. Press and hold the outlet power button for about 10 seconds and release when the LED light starts to slowly blink blue.

3. Tap **“Next”**.
4. Tap “Join Esp Wifi”.

5. In your list of available Wi-Fi networks, connect to “ESP XXXXXX”. Once you are connected, return to the VeSync app.

6. Tap “Confirm” and input your Wi-Fi network ID and password, then tap “OK”. Once configuration is complete, the outlet will appear on the app home screen.
Operation

Turning Devices ON/OFF

**Method 1**
While at the VeSync app home screen, tap the power button next to the desired outlet to turn it on or off.

**Method 2**
Tap on the desired outlet name to access outlet control settings. Tap the power button on the center of the screen to turn the device on or off.
Action Schedule lets you schedule and repeat an action such as turning a device on or off on desired days and times.

To add a new scheduled action:
Tap the + button on the top right corner of the screen.

**NOTE:** While in the Action Schedule menu, use the activation switches to quickly turn on or off a saved action schedule.

Tips:
Because the outlet needs to connect to the server to get its current time information, thus the outlet must be able to connect to the server after it power-up. When successfully connect to the server and load time information, then it can schedule its timers offline, even no internet-connection.
Triggered Actions

You can set a minimum or maximum power that an outlet can accommodate and trigger specific actions, such as switching off an outlet, receiving an email, or notification on your smartphone, when this power setting is exceeded.

To add a new triggered action:

Tap the “edit” button on the top right corner of the screen.

To set the maximum or minimum power (units in W) of an outlet, tap on the data field next to Max Power or Min Power and a numpad pops up so you can input your desired power rating. Tap ‘Done’ when you’ve inputted your desired power rating and configure them/turn off configuration by tapping on the slider button.

To select the triggering actions, tap on the slider button located to the right of each triggering action.
Countdown

To conserve energy, you can schedule a countdown for an outlet before it automatically turns off.

To schedule a countdown:

1. Tap the button on the main screen and a Countdown Setting dialog box will pop up.

2. Tap on the Minute and Second data fields to set the desired countdown for your outlet. When you’re finished setting the countdown, tap on “Confirm” to schedule it.

3. Your outlet will automatically switch off after the countdown ends.
Action Timer

The Action Timer allows you to switch an outlet on/off on a single scheduled date and time.

To add a timed action:

Tap the + button on the top right corner of the screen.

Date: 09/22/2016

Time: 00:00

Remark: Action Timer

Switch Outlet On/Off

Turn device ON.

Turn device OFF.

Confirm

Tap to set the date of the desired action.

Tap to set the time of the desired action.

Tap to give the timed action a name.

Tap to confirm your timed action.
**Power History**

Tap “Power History” to view a device’s power consumption.

**Event Logging**

To see the usage and action history of a device, tap “Event Logging”.

**Device Info**

To download the latest firmware updates, tap “More”, then tap “Device Info”.

To edit the device name and information, tap “More”, then tap “Device Editor”.

To change the device icon, tap the current icon, then select what device you are controlling.
Re-configuring a Device

1. Press and hold the outlet power button for about 5 seconds and release when the LED light illuminates with a solid blue light.

2. Tap the + button on the top right corner of the screen.

3. Input your Wi-Fi network ID and password, then tap “OK” to confirm. Once configuration is complete, the outlet will appear on the app home screen.
Deleting a Device

**iOS**
To delete a device, swipe the desired device left, then tap **Delete**.

**Android**
To delete a device, tap and hold the desired device icon for 3 seconds, then tap **Delete**.

Logging Out

**iOS**
While in the main menu of the app, tap **Settings** on the bottom right, then tap **Logout**.

**Android**
While in the main menu of the app, tap the button on the upper left-hand corner of the screen to log out. Alternatively, you may also tap **Settings** on the bottom right, then tap **Logout**.

Share a Device

Input another account to share your device’s controls and settings.

**iOS**
While in the main menu of the app, swipe the desired device left, then tap **Share** and type in the account name of the person you wish to share the device with.

**Android**
While in the main menu of the app, tap and hold the device that you wish to share, then tap **Share** and type in the account name of the person you wish to share the device with.
## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Mode</td>
<td>IEEE802.11b/g/n (Wi-Fi)</td>
</tr>
<tr>
<td>Communication Frequency</td>
<td>2400 - 2483.5 MHz</td>
</tr>
<tr>
<td>Wireless Distance (Outlet to Router)</td>
<td>98 - 164 feet</td>
</tr>
<tr>
<td>Maximum Switch Current</td>
<td>10A</td>
</tr>
<tr>
<td>AC Power Supply Range &amp; Supply Frequency</td>
<td>120V, 50/60Hz</td>
</tr>
<tr>
<td>Rf PA Power</td>
<td>25 dBm</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>0.7 - 1.2 W</td>
</tr>
<tr>
<td>Operating Environment</td>
<td>14°F ~ 104°F</td>
</tr>
<tr>
<td>Storage &amp; Transportation Environment</td>
<td>-4°F ~ 104°F</td>
</tr>
<tr>
<td>Size</td>
<td>102mm x 62mm x 30mm</td>
</tr>
<tr>
<td>Compatible Systems</td>
<td>Android 4.0 or higher</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Why won't my device respond to my app remote commands?</td>
<td>Ensure that your Wi-Fi network is working normally and that the outlet is fully and properly plugged in and connected to a device.</td>
</tr>
<tr>
<td>Why won't the power usage data update in the app even when my outlet is in use?</td>
<td>Sometimes it takes some time for the power usage data to update. If you're using a low power consumption appliance, data may take longer to transfer.</td>
</tr>
<tr>
<td>Why won't the VeSync app allow me to add a device?</td>
<td>Follow the re-configuration steps on page 27.</td>
</tr>
<tr>
<td></td>
<td>If the device network was set up by another user, have the primary user “Share” the device to you so you may configure it to your own smart device.</td>
</tr>
<tr>
<td></td>
<td>Make sure your device's firmware is updated to the latest version.</td>
</tr>
<tr>
<td></td>
<td>Make sure the password and account ID you're inputting are correct.</td>
</tr>
<tr>
<td></td>
<td>Try configuration using APN mode.</td>
</tr>
<tr>
<td></td>
<td>Remove the outlet from its power supply; wait a few seconds and plug the outlet back in and re-attempt configuration.</td>
</tr>
<tr>
<td>After adding a device, why won't the device icon appear on the main screen of the VeSync app?</td>
<td>Refresh the main menu screen and the device should then normally appear on the screen.</td>
</tr>
</tbody>
</table>
After moving an outlet to another socket, it’s appearing as offline/the light is slowly blinking blue. Why is this happening?

Check to make sure the device isn’t placed too far from the network wireless router. It must be within a 164 ft (50m) visible range from the router.

Check to make sure the network hasn’t changed and is functioning normally.

Reset the outlet by pressing and holding the outlet power button for 20 seconds and releasing when the indicator light begins to flash quickly. Then, re-configure the outlet with the network.

Warranty

Terms & Policy

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

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

Please scan here for the full warranty.
Customer Support

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

Customer Support

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

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

Support Hours

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

*Please have your order number ready before contacting customer support.
Scan here to join the community!
Visit us at www.etekcity.com