

ZOOZ ZEN15

Zooz Z-Wave Plus Power Switch ZEN15 User Manual

Model: ZEN15

1. INTRODUCTION

The Zooz Z-Wave Plus Power Switch ZEN15 is a smart plug designed to provide Z-Wave control and energy monitoring for heavy-duty 110V appliances. This device allows integration of appliances such as AC units, sump pumps, and humidifiers into your Z-Wave smart home system, offering remote control and detailed energy usage reports. It also functions as a Z-Wave signal repeater to strengthen your network.



Figure 1: The Zooz Z-Wave Plus Power Switch ZEN15. This image shows the compact, white circular main unit with a

flexible cord extending to a standard three-prong plug on one end and a three-prong outlet on the other.

2. IMPORTANT SAFETY INFORMATION

- This device is intended for **indoor use only**.
- Do not expose to rain or water.
- Ensure the connected appliance's power requirements do not exceed the switch's maximum load capacity (15 Amps, 1800 Watts at 110V AC).
- Do not attempt to disassemble or modify the device.
- Keep away from children.
- Always unplug the device from the power outlet before cleaning or when not in use for extended periods.

3. PACKAGE CONTENTS

The package for the Zooz Z-Wave Plus Power Switch ZEN15 typically includes:

- 1 x Zooz Z-Wave Plus Power Switch ZEN15
- 1 x User Manual (this document)



Figure 2: Packaging for the Zooz ZEN15 Power Switch. The image displays the product box, which is black with green accents, showing the power switch coiled inside.

4. PRODUCT OVERVIEW

The ZEN15 Power Switch features a robust design for reliable operation. Key components include:

- **Main Unit:** Houses the Z-Wave chip and control electronics.

- **Power Cord:** Extra-thick flexible cord for durability.
- **Angled Plug:** A 45-degree angled plug design allows two smart switches to fit into a single duplex receptacle.
- **Controlled Outlet:** The receptacle where your appliance plugs in.
- **LED Indicator:** Provides status feedback.



Figure 3: Exploded view of the Zooz ZEN15 Power Switch. This image highlights internal components such as the 800 Series Z-Wave chip, strong relay, solid enclosure, and extra-thick flexible cord, emphasizing its robust hardware.

5. SETUP AND INSTALLATION

5.1 Pre-installation Checklist

- A Z-Wave certified hub is required for smart control (sold separately).
- Ensure the installation location is indoors and within the operating temperature range of 14°F to 104°F (-10°C to 40°C).
- Verify the appliance to be controlled is 110V AC and does not exceed 15 Amps or 1800 Watts.

5.2 Physical Installation

1. Plug the Zooz ZEN15 Power Switch into a standard 110V AC wall receptacle.
2. Plug your appliance into the controlled outlet of the ZEN15 Power Switch.

NEW: 45 Degree Angle Plug

2-IN-1
FIT

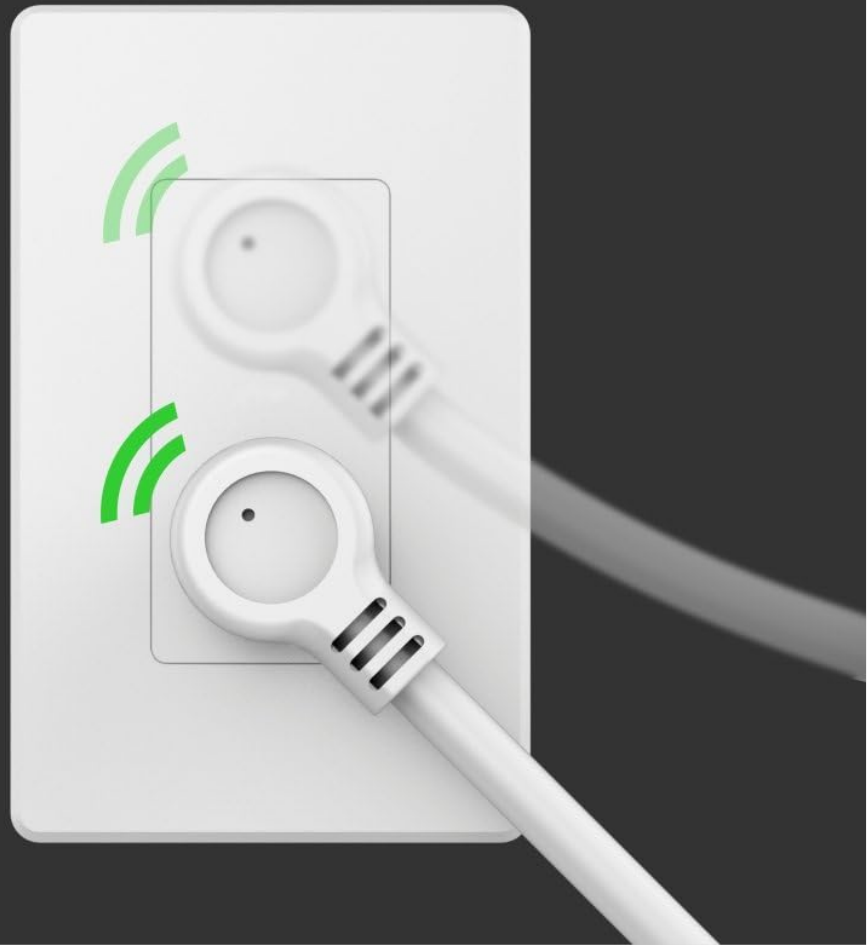


Figure 4: The 45-degree angled plug of the Zooz ZEN15. This design allows two ZEN15 switches to be plugged into a standard duplex wall outlet simultaneously without obstructing each other.



Figure 5: The Zooz ZEN15 Power Switch in use, demonstrating its ability to control various heavy-duty appliances such as an AC unit, refrigerator, microwave, fan, and kettle, plugged into a wall outlet.

5.3 Z-Wave Inclusion (Pairing)

Follow these steps to add the ZEN15 Power Switch to your Z-Wave network:

1. Initiate the inclusion (pairing) mode on your Z-Wave hub. Refer to your hub's instruction manual for specific steps.
2. Press the Z-Wave button on the ZEN15 Power Switch **three times quickly**. The LED indicator will flash to confirm inclusion mode.
3. Your hub should detect and add the device. The LED on the ZEN15 will turn solid when successfully paired.
4. If inclusion fails, try excluding the device first (see 5.4) and then repeat the inclusion process.

5.4 Z-Wave Exclusion (Removal)

To remove the ZEN15 Power Switch from your Z-Wave network:

1. Initiate the exclusion (removal) mode on your Z-Wave hub. Refer to your hub's instruction manual for specific steps.
2. Press the Z-Wave button on the ZEN15 Power Switch **three times quickly**. The LED indicator will

flash to confirm exclusion mode.

3. Your hub should confirm the device has been removed. The LED on the ZEN15 will turn off.

6. OPERATING INSTRUCTIONS

6.1 Basic On/Off Control

- **Manual Control:** Press the Z-Wave button once to manually turn the connected appliance ON or OFF.
- **Z-Wave Control:** Use your Z-Wave hub's interface or associated voice assistant (if configured) to remotely turn the appliance ON or OFF.

6.2 Energy Monitoring

The ZEN15 Power Switch can report real-time energy usage data (Watts, kWh, Amps, Volts) to your Z-Wave hub. This feature requires a Z-Wave hub that supports energy monitoring. Consult your hub's documentation for how to access and interpret this data.

Note: This device is not a power outage monitor. It reports current energy usage, not power loss events.

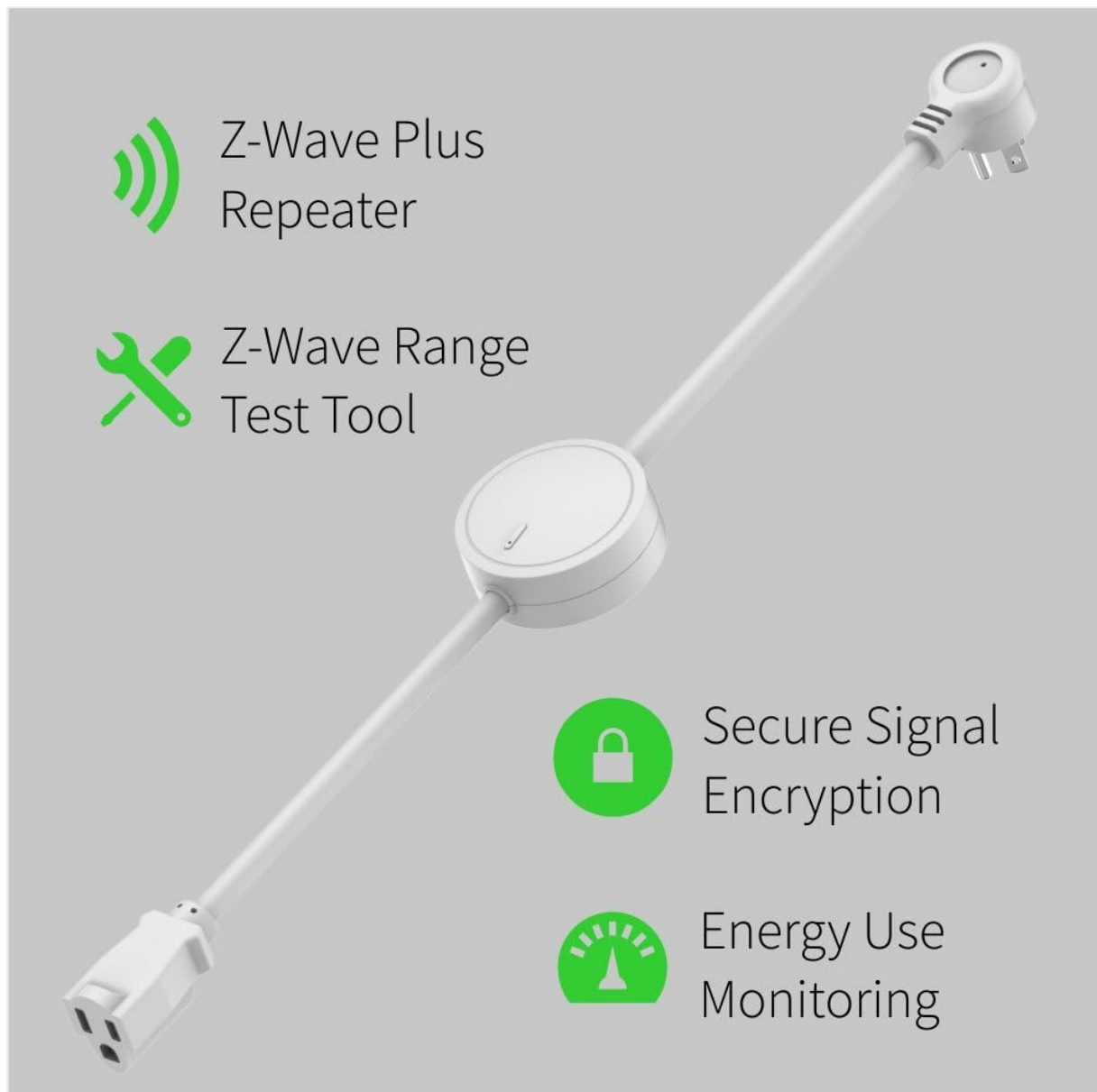


Figure 6: Key Z-Wave features of the ZEN15 Power Switch. This graphic illustrates the device's capabilities including Z-Wave Plus Repeater functionality, a Z-Wave Range Test Tool, Secure Signal Encryption, and Energy Use Monitoring.

7. ADVANCED FEATURES

- **Z-Wave Plus and 800 Series Chip:** Utilizes the latest Z-Wave technology for improved range, speed, and security.
- **Z-Wave Long Range (LR) Ready:** Compatible with Z-Wave Long Range networks for extended communication distances.
- **S2 Authenticated Security:** Provides enhanced security for your Z-Wave network.
- **Signal Repeater:** Boosts your Z-Wave network by repeating signals from other devices.
- **Range Test Tool:** A built-in tool to help assess Z-Wave signal strength (consult your hub's documentation for activation).
- **Power Outage Recovery:** The switch can be configured to restore its last on/off state after a power failure.
- **Compatibility:** Works with certified Z-Wave hubs for basic on/off control. Advanced settings and energy monitoring are typically available with open systems like Z-Box Hub (recommended), SmartThings (custom driver may be required), Hubitat, Home Assistant, and HomeSeer.

8. MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the device is unplugged before cleaning.
- Regularly check for any signs of damage to the cord or housing. If damaged, discontinue use and contact support.

9. TROUBLESHOOTING

9.1 Device Not Pairing with Z-Wave Hub

- **Check Hub Mode:** Ensure your Z-Wave hub is in inclusion (pairing) mode.
- **Triple Press:** Confirm you are pressing the Z-Wave button on the ZEN15 three times quickly.
- **Exclusion First:** Try performing an exclusion (removal) process first, even if the device was never paired. This can reset the device.
- **Distance:** Move the ZEN15 closer to your Z-Wave hub during the pairing process.

9.2 Appliance Not Responding

- **Check Power:** Ensure the ZEN15 is properly plugged into a live outlet and the appliance is securely plugged into the ZEN15.
- **Manual Test:** Try pressing the Z-Wave button on the ZEN15 to manually toggle the appliance. If it works manually, the issue might be with your Z-Wave network or hub.
- **Appliance Power:** Verify the appliance itself is functional by plugging it directly into a wall outlet.
- **Load Capacity:** Ensure the appliance's power draw does not exceed the ZEN15's maximum load (15A, 1800W).

9.3 Energy Monitoring Not Displaying Data

- **Hub Compatibility:** Confirm your Z-Wave hub supports energy monitoring features.
- **Custom Drivers:** For some hubs (e.g., SmartThings), a custom device handler or driver may be required to access advanced features like energy monitoring. Refer to the Zooz Support Portal for details.

- **Device Configuration:** Check your hub's interface for any specific settings or parameters related to energy reporting for the ZEN15.

10. SPECIFICATIONS

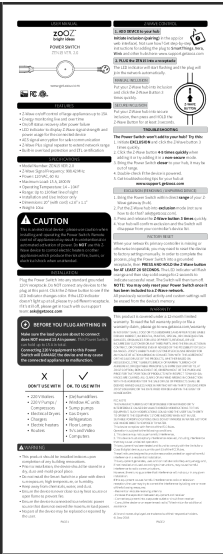
Model Number:	ZEN15
Power:	110V AC, 60Hz
Maximum Load:	15 Amps, 1800 Watts
Z-Wave Frequency:	908.42 MHz (US)
Operating Temperature:	14°F to 104°F (-10°C to 40°C)
Dimensions:	Approximately 20 x 2.6 x 1.1 inches (cable length included)
Weight:	10.8 ounces
Certifications:	ETL certified

11. WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official Zooz website or contact their customer service directly. The Zooz Support Portal often provides detailed guides, custom device drivers, and troubleshooting resources for their products.

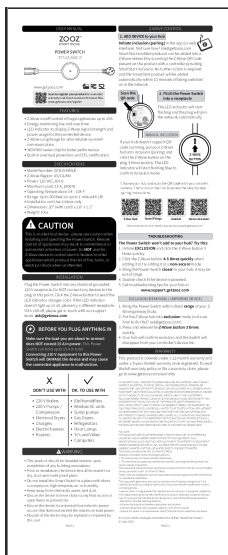
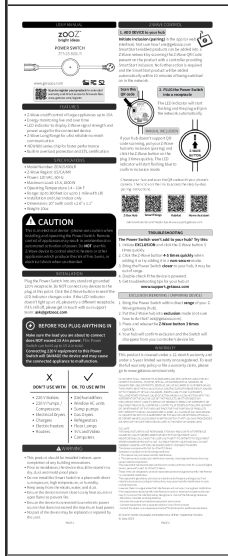
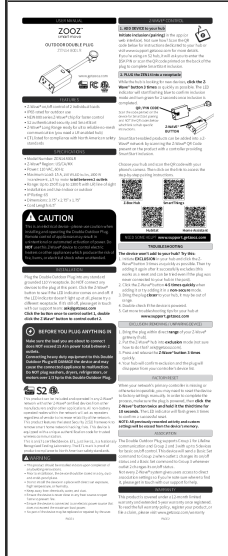
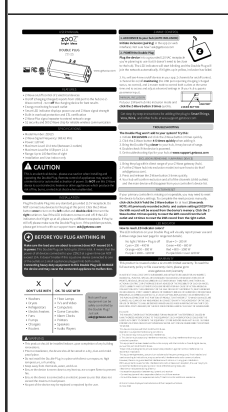
Manufacturer: ZOOZ

Related Documents - ZEN15



[Zooz ZEN15 Z-Wave Plus Power Switch User Manual](#)

User manual for the Zooz ZEN15 Z-Wave Plus Power Switch, detailing its features, specifications, installation, Z-Wave integration, advanced settings, troubleshooting, and safety information.

	<p>ZOOZ ZEN15 800LR Z-Wave Plus Long Range Power Switch User Manual</p> <p>User manual for the ZOOZ ZEN15 800LR Z-Wave Plus Long Range Power Switch, detailing features, specifications, installation, advanced settings, troubleshooting, and warranty information for smart home automation.</p>
	<p>Zooz ZEN15 800LR Z-Wave Plus Power Switch User Manual</p> <p>User manual for the Zooz ZEN15 800LR Z-Wave Plus Power Switch. Learn about its features, specifications, installation, Z-Wave control, troubleshooting, advanced settings, and safety information for smart home automation.</p>
	<p>Zooz ZEN14 800LR Z-Wave Long Range Outdoor Double Plug User Manual</p> <p>User manual for the Zooz ZEN14 800LR Z-Wave Long Range Outdoor Double Plug. Provides detailed instructions on installation, setup, troubleshooting, advanced settings, and specifications for smart home integration.</p>
	<p>Zooz ZEN25 Double Plug User Manual: Z-Wave Smart Home Control & Energy Monitoring</p> <p>Get detailed instructions for setting up and using the Zooz ZEN25 Double Plug. Learn about Z-Wave inclusion, features, advanced settings, troubleshooting, and energy monitoring for your smart home.</p>



[Zooz ZEN25 Double Plug User Manual - Smart Home Control & Energy Monitoring](#)

User manual for the Zooz ZEN25 Double Plug, a Z-Wave Plus enabled smart plug with USB port, energy monitoring, overload protection, and S2 security. Learn about installation, setup, advanced settings, and troubleshooting.