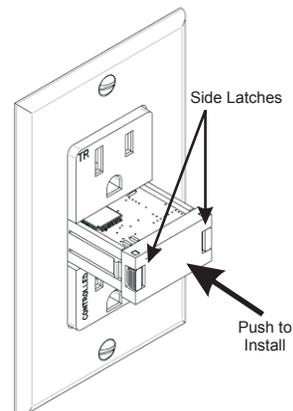**SWIDGET**
POWER TO LIVE SMART

Z-Wave Control + Power Out Light

Model No.: ZW003RWA   Rated 5VDC

MUST BE INSTALLED AND USED ONLY WITH AN APPROVED/CERTIFIED SWIDGET OUTLET. USE WITH ANY OTHER DEVICE IS PROHIBITED AND WILL VOID THE WARRANTY.

WARNING AND CAUTIONS:
- **WHILE NOT REQUIRED, IT IS RECOMMENDED TO AVOID ANY RISK OF SHOCK OR DEATH, TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE INSTALLING OR REMOVING ANY INSERT.**
- Not for use to control medical or life support equipment.
- For INDOOR use only: 32-104F (0-40C).
- Do not use Z-Wave devices to control electric heaters or any other appliances which may present a hazardous condition due to unattended or unintentional or automatic power on control.
- Double check any external Z-Wave settings for accuracy before using them.
- Insert can only be installed in one orientation. Rear alignment pins prevent incorrect installation. Do not forcibly install an Insert.
- For reference, the controlled Swidget receptacle is marked on the face as "CONTROLLED".
- Do not exceed the load rating for the Swidget Outlet:
    - Resistive: 1800W
    - Motor: 0.5HP
    - Inductive: 8A@125VAC (PF0.4)
- Requires a certified Z-Wave hub for operation.
- This device complies with Z-Wave standard of open air, line of sight transmission. Actual performance in a home depends on the numbers of walls/obstacles between the Insert and other Z-Wave devices/hubs.
- This device must be used in conjunction with an S2 Security Enabled Z-Wave Controller to fully utilize all implemented security functions.
- **Use with Swidget Outlet Model Number R1015SWA.**

Side Latches

Push to Install

DESCRIPTION:
The Swidget Configurable Smart Outlet with the Z-Wave Control + Power Out Light Insert provides BATTERY FREE LED illumination during times when there is a power outage. LED will remain illuminated for as long as 1 hour on a full charge. It also allows a user to control power to a receptacle (marked "CONTROLLED") and monitor power (both receptacles independently) for devices plugged into the Swidget Outlet. Z-Wave is a standardized mesh network protocol used by many devices and hubs. Swidget certification to this standard means compatibility with other Z-Wave certified devices or hubs. Please consult your Z-Wave controller/hub manufacturer for instructions on how to add a new Z-Wave device.This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

FEATURES:
- High efficiency LED
- 90% full charge in 2 hours (usable charge within 10 minutes)
- NO BATTERIES
- One controlled AC receptacle (marked "CONTROLLED") Remote ON/OFF control via external Z-Wave controller/hub
    - Requires 3rd party Z-Wave Controller/Hub
- Manual ON/OFF control via front panel push button
- One ALWAYS ON AC receptacle
- Independent power monitoring of both AC receptacles
- Swidget Z-Wave Device detected as:
    - Meter (ALWAYS ON receptacle)
    - Switch + Meter (CONTROLLED receptacle)

INSERT BUTTON ACTIONS

Button Press and Hold	LED State	Action
Less than 1 sec	No change	None
Quick press 3 times, <1 sec each	Green Flash	Power Reading Zero*
1 - 5 sec	Green ON→OFF	Manual Outlet Toggle
5 - 10 sec	No change	None
10 - 15 sec	Blue ON	Network **ADD/REMOVE** Mode
15 - 20 sec	OFF	None
20 - 25 sec	Red ON	Device Local Reset (Factory Reset)
More than 25 sec	No change	None - button press ignored

LED INDICATOR CHART

LED COLOR CODE			DESCRIPTION
Green	Blue	Red	
ON	OFF	OFF	Outlet ON, Radio Connected
OFF	OFF	OFF	Outlet OFF, Radio Connected

NETWORK ADD/REMOVE MODE

LED COLOR CODE			DESCRIPTION
Green	Blue	Red	
OFF	ON	OFF	Entered **ADD/REMOVE** Mode Mode enabled
OFF	Flash	OFF	Connecting to network
OFF	Off→On	Flash	**ADD/REMOVE successful** Blue to OFF when complete
Flash	OFF	OFF	**POWER READING ZERO** Green flash for >60 sec then off
OFF	OFF	Flash	**ADD/REMOVE failed** after 60 sec Red flashes for 5 sec

DEVICE RESET MODE

LED COLOR CODE			DESCRIPTION
Green	Blue	Red	
Cycle	Cycle	Cycle	**DEVICE LOCAL RESET is in progress**
OFF	OFF	OFF	**Network Connection FAIL.** Red will flash

INSTALLATION:
1. TO AVOID SHOCK OR DEATH, IT IS RECOMMENDED TO TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE INSTALLING OR REMOVING INSERT.
2. This device is to be installed in a Swidget Outlet ONLY.
3. Orient the Insert to line up with the pins in the Outlet cavity. NOTE: alignment pins will prevent incorrect installation.
4. Push Insert into the Outlet cavity until the two side latches engage.
5. Re-enable power to Outlet.
6. a. For a first time installation or after Device Local Reset, the Insert requires network ADD pairing/joining (see below).
    b. For Inserts being moved, the Insert will power up with the previous location settings. For any required adjustments, consult the manual of the connecting Z-Wave controller/hub.

OPERATION:
MANUAL OUTLET SWITCHING - Works with radio connection only
1. Lightly press Insert push button and hold for 1-5 seconds then release. Outlet will toggle state.
Z-WAVE NETWORK ADD
1. Follow network ADD steps for your Z-Wave controller/hub.
2. **IMPORTANT**- Nothing plugged into either receptacle during NETWORK ADD as this will interfere with POWER READING ZERO operations.
3. Lightly press Insert push button and hold for 10-15 seconds then release (LED turns solid blue).
    • LED will flash blue to indicate ADD mode is enabled. No manual or external Z-Wave operations are possible during this activity.
4. Insert will remain in ADD mode for up to 60 seconds. If successful, LED will be solid blue for 5 seconds then return to the normal operational state. IF FAILED to connect after 60 seconds, red LED will flash indicating no or failed network ADD. If necessary, consult your Z-Wave controller/hub manual and retry.
5. Plug in devices to Outlet and perfom Power Reading Zero operation.
Z-WAVE NETWORK REMOVE
1. Follow network REMOVE steps for your Z-Wave controller/hub.
2. Lightly press Insert push button and hold for 10-15 seconds then release. LED will flash blue to indicate REMOVE mode is enabled. No manual or external Z-Wave operations are possible during this activity.
3. Insert will remain in REMOVE mode for up to 60 seconds. If successful, LED will be solid blue for 5 seconds then return to the normal operational state. IF FAILED to connect after 60 seconds, red LED will flash indicating no or failed network REMOVE. If necessary, consult your Z-Wave controller/hub manual and retry.
Z-WAVE LOCAL DEVICE RESET (FACTORY RESET)- *Should only be used when the original controller is inoperable or has been replaced.*
1. Lightly press Insert push button and hold for 20-25 seconds then release. LED will cycle green/blue/red until complete.
***NOTE REGARDING POWER READING:** To improve power monitoring accuracy, whenever a device is added or removed from one of the receptacles, the user should initiate a **Power Reading Zero** operation by ensuring that the devices plugged in to the outlet are turned ON, and then pressing the Insert button 3 times quickly (see Insert Button Actions).

PROBLEMS or QUESTIONS:
If you have any problems with or questions about the Swidget Outlet or Insert, contact our tech support team:
support@swidget.com

For the most up-to-date product support, accessories, electronic (PDF) format manuals and more, visit
www.swidget.com
For additional Z-Wave network technical information, see Swidget Z-Wave Power Control Insert Technical Notes on the swidget website.

No user serviceable parts in this unit.

If you have problems with the connecting hub, please consult the manufacturer for the appropriate support.

FCC COMPLIANCE STATEMENT:
This device complies with part 15 of the FCC and Industry Canada license-exempt RSS standard(s). 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.
FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications 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.
Important note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

SAVE THESE INSTRUCTIONS

SWIDGET
POWER TO LIVE SMART