Safety information

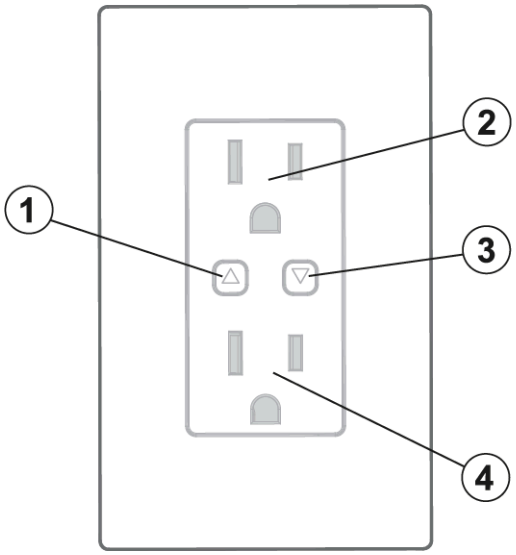
⚠ WARNING:

- Only qualified professionals should handle electrical wiring/devices.
- Install and use this product in accordance with applicable electrical codes and regulations in your region.
- The device is designed for indoor use in dry locations only.
- The total current limit of the device is 15 Amps. Do not exceed this limit, as it can damage the outlet and pose a safety hazard. To avoid overloading the outlet, ensure that the combined current of all connected devices does not exceed 15 Amps.
- Keep this manual as it contains important technical data, testing, and troubleshooting information which may be useful after installation is complete.
- Do not disassemble the product or attempt to make repairs yourself. Doing so may result in electric shock and void the limited warranty.
- If you require assistance, contact our after-sales service.
- Make sure to use this product together with a 15A circuit breaker.
- Aluminium wiring is not compatible with the IQ Smart Socket-PG. Do not use aluminium wiring when you install the IQ Smart Socket-PG.

Overview

With the IQ Smart Socket-PG, you can control your devices remotely through your control panel. For panels that are compatible with the IQ Smart Socket-PG, see https://bit.ly/3NuoY8o.

Figure 1: Overview



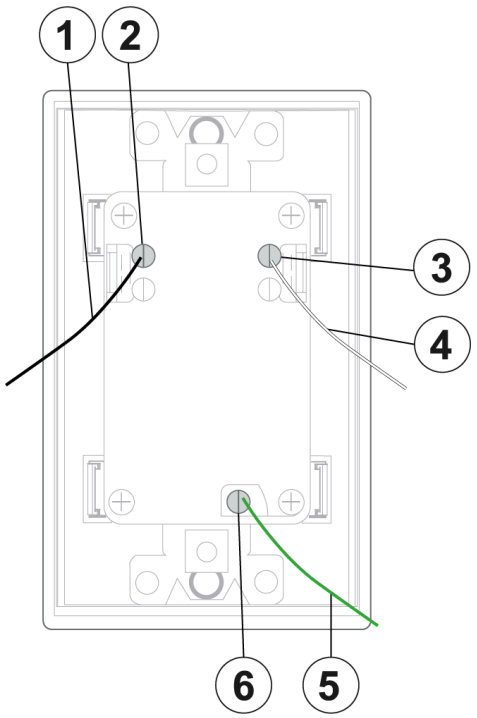
Callout	Description
1	LED indicator and power button for top power socket
2	Top power socket
3	LED indicator and power button for bottom power socket
4	Bottom power socket

Installing the device

⚠ **WARNING:** Before installing the device, make sure that the electrical supply to the area is turned off. Failure to do so may result in electric shock or serious injury.

1. Turn the power off at the circuit breaker.
2. Remove the existing socket and connect the new socket, see Figure 2.

Figure 2: Wiring



Callout	Description
1	Line wire colored black
2	Terminal screw marked black
3	Terminal screw marked white

Callout	Description
4	Neutral wire colored white
5	Ground wire colored green
6	Terminal screw marked green

3. Check that all the wires are in the correct position.
4. Mount the device with the screws and attach the faceplate.
5. Turn on the mains power at the fuse board or circuit breaker.

Enrolling the device with Auto Learn Enroll

Before you begin: Ensure power is connected to the device.

1. On the IQ panel menu, select **Settings > Advanced Settings > Enter Installer Code > Installation > Devices > Automation > Auto Learn Devices.**
2. Press and hold both buttons on the device until the LED turns orange for 2 seconds.
3. Release both buttons, and the LED turns off. The device enters enrollment mode, and the panel is notified of the device initiating enrollment.
4. When the device is recognized, tap **OK** when the pop-up window appears. Enter the device details in the next configuration pop-up window.
5. **Optional:** Enter the PIN code on the product label for increased security during enrollment. The device does not pair with the panel if you enter an incorrect PIN code.
6. Tap **Pair**.
7. If the device does not automatically enroll, perform a factory reset as indicated in the Resetting the device section of the user manual.
   Result: The device enrolls successfully and returns to the IQ Panel menu.

Enrolling the device with Add PowerG

Before you begin: Ensure power is not connected to the device.

You can enroll the device in the IQ panel using the Add PowerG feature or scan the QR code on the box. To enroll the device in the IQ panel using the Add PowerG feature, complete the following steps:

1. On the IQ panel menu, select **Settings > Advanced Settings > Enter Installer Code > Installation > Devices > Automation > Add PowerG.**
2. Enter the sensor id in the Sensor ID field or scan the QR code on the box label to enroll the device.
3. **Optional:** Enter the PIN code on the product label for increased security during enrollment. The device does not pair with the panel if you enter an incorrect PIN code.
4. Tap **Pair.**
5. Plug in and power on the device.
   Result: The device enrolls successfully.

Considerations when you enroll a device

The following considerations apply when you enroll a device with PowerG or when you enroll a device with Auto Learn enroll.

- If the buttons remain pressed after the light is turned off, the device returns to lowpower mode.
- If the connection is successful, the PowerG signal strength displays on the device.
- If the connection fails, a **Not enrolled** status displays on the control panel.

ⓘ **Note:** The IQ Smart Socket-PG enrolls as two individually controlled devices .

Checking the PowerG signal strength of the device

1. Ensure that the IQ Smart Socket-PG is powered on.
2. On the IQ panel, tap **Settings > Advanced Settings > Enter Installer Code > Installation > System Tests > PowerG Test > Run**.

LED indication and configuration

Table 1: Device configuration state

#	Configuration	Definition
1	Activation LED enabled	Green LED appears when the load is on. Green LED does not appear when the load is off.
2	Activation LED disabled	LED is always off. ⓘ **Note:** The PowerG signal strength test blinking overrides the Activation LED disabled mode.

ⓘ **Note:** If the connection fails and the LED indicator turns off, reset the device to factory default. For more information see, Resetting the device.

Additional behavior of the device

Behavior	Corresponding behavior
Turn the socket on or off using the built-in button	The IQ Panel updates the status within 10 seconds.
When enrolled	The IQ Panel registers the device as a PowerG device.
When power is removed from the device	The IQ panel updates the device status to unreachable within 14 minutes.
When power is restored to the device	The IQ panel automatically updates the device status to normal within 5 minutes.
When communication is lost and then restored	The IQ panel automatically updates the device status to normal within 5 minutes.

Resetting the device

1. Press and hold both buttons for 2 seconds. The LED turns orange to indicate a long press.
2. Release briefly, then press and hold the button again for 5 seconds until the LED turns red and flashes 3 times to indicate a reset to factory default.

   ⓘ **Note:**
   - After the reset, the device does not start enrollment automatically. For more information on device enrollment, see Enrolling the device with Auto Learn Enroll.
   - After a device is reset back to factory default, you must delete it from the panel and re-enroll the device.

Troubleshooting

⚠ **WARNING:** The wiring should only be changed in accordance with applicable electrical codes and regulations in your region.

⚠ **WARNING:** Only a qualified professional should attempt to change electrical wiring.

The IQ Smart Socket-PG is not working with certain devices

- Check if the device you are trying to control with the IQ Smart Socket-PG is compatible with the IQ Smart Socket-PG.
- Ensure that the device is properly plugged into the IQ Smart Socket-PG.
- Check if the device turns on using another socket, the device could be the problem and not the outlet.
- Ensure the device you want to control works in an outlet without the IQ Smart Socket-PG.

Device does not turn on and IQ Smart Socket-PG is LED indicator does not turn on

- Check if the circuit breaker or fuse has tripped.
- Check if the IQ Smart Socket-PG neutral connection is wired correctly.

Specifications

Frequency band	912-919MHz

Communication protocol	PowerG
Max load power	Total 1800W@120V (Resistive load)
Standby power	<1W
Input	120VAC, 60Hz
Output	120VAC, 60Hz,15A Maximum load in total for 2 outlets
Operating temperature	0°C to 40°C or 32°F to 104°F
Storage temperature	-20°C to 55°C or -4°F to 131°F
Operating humidity	0 to 90% RH, Non-condensing
Color	White
Dimensions	115.6 mm x 70.6 mm x 46.6 mm or 4.55 in. x 2.78 in. x 1.83 in.
Tamper resistant	Yes
Device weight	157.8g

Compliance with standards

FCC and ISED Canada Compliance Statement

This device complies with FCC Rules Part 15 and with ISED license-exempt RSS standard(s). Operation is subject to two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received or that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To comply with FCC Section 1.1310 for human exposure to radio frequency electromagnetic fields and IC requirements, implement the following instruction:

A distance of at least 20 cm. between the equipment and all persons should be maintained during the operation of the equipment.

Le dispositif doit être placé à une distance d'au moins 20 cm à partir de toutes les personnes au cours de son fonctionnement normal. Les antennes utilisées pour ce produit ne doivent pas être situés ou exploités conjointement avec une autre antenne ou transmetteur.

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.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

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

Intertek

UL/ULC notes

The IQ Smart Socket-PG has been listed by ETL for home automation in accordance with the requirements in the Standards UL: E60730-1 Automatic Electrical Controls and UL 498 Attachment Plugs and Receptacles.

Safety Instructions

Read the safety information before you install the equipment.

The IQ Smart Socket-PG shall be installed and used within an environment that provides the pollution degree max 2 and over voltages category II in non-hazardous locations, indoor only. This product is to be installed or used in accordance with local electrical codes and regulations. The IQ Smart Socket-PG is to be installed in an indoor dry location. Exposure to weather or corrosive conditions may damage the unit.

W.E.E.E Product recycling declaration

	For information regarding the recycling of this product you must contact the company from which you originally purchased it. If you are discarding this product and not returning it for repair then you must ensure that it is returned as identified by your supplier. This product is not to be thrown away with everyday waste. Directive 2012/19/EU Waste Electrical and Electronic Equipment.

Warranty and EULA

To access Warranty and EULA information, access the following link: https://bit.ly/3NuoY8o or scan the following QR code:

Technical support

Intrusion Tech support: +1- 855-476-5797 #2 or 1-800-387-3630

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