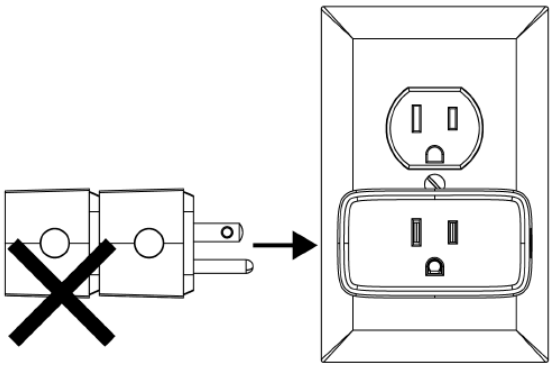
Safety information

⚠ WARNING:

- This device is designed for indoor use in dry locations only.
- The maximum current limit of the device is 15 Amps. Do not exceed the 15 Amps limit, as it may cause damage to the device and cause it to no longer function.
- Do not attempt to disassemble the product or make repairs yourself. Doing so may run the risk of electric shock and will void the limited warranty.
- If you require service, please contact our after sales services.
- To disconnect the voltage, remove the IQ Smart Plug-PG from the wall socket.
- Make sure to use this product together with a 15A circuit breaker.

- **Figure 1: Do not plug smart devices into each other**



Overview

The IQ Smart Plug-PG lets you control your electrical appliances remotely through your control panel. For panels that are compatible with the IQ Smart Plug-PG, see https://bit.ly/3PwGRX1.

Figure 2: Overview

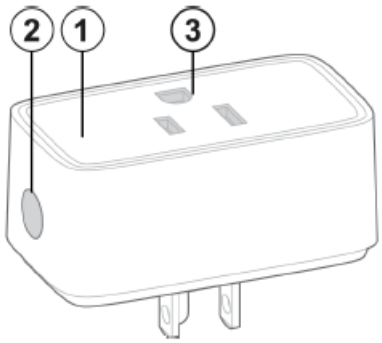


Table 1: Overview

Callout	Description	Function
1	LED indicator	• Solid green LED: device is on • No LED: device is off
2	Button	• Press button once to switch on or off • Press and hold to start enrollment
3	Socket	Insert the plug of the appliance you want to control here.

Installing the device

⚠ **WARNING:** Do not link more than one extension lead per outlet. Doing so significantly raises the risk of overloading the outlet.

- Plug your device into a power outlet according to the safety information provided. For more information, see Safety information.
- Connect the IQ Smart Plug-PG to a wall socket.

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 the button on the device until the LED turns orange for 2 seconds.
3. Release the button 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 Resetting the device of the user manual.
   Result: The device enrolls successfully.

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.

Checking the PowerG signal strength of the device

1. Ensure that the IQ Smart Plug-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 2: 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 plug 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 the button for 2 seconds until the LED turns orange.
2. Briefly release, 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 a device is reset back to factory default, you must delete it from the panel and re-enroll the device.

Troubleshooting

The IQ Smart Plug-PG is not connecting to the IQ panel

- Unplug the IQ Smart Plug-PG from the outlet and plug it back in.
- Check other PowerG devices if they are detected by the IQ panel.
- Ensure that the IQ Smart Plug-PG is not enrolled in other IQ panels.
- Perform a factory reset on the IQ Smart Plug-PG. Delete the IQ Smart Plug-PG from the IQ panel and re-enroll it.

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

- Check if the device you are trying to control is compatible with the IQ Smart Plug-PG.

- Ensure that the device is properly plugged into the IQ Smart Plug-PG and is properly connected to the power source.
- Ensure the device works in an outlet without the IQ Smart Plug-PG.

Specifications

Frequency range	912 to 919MHz
Protocol	PowerG
Power supply	120VAC, 60Hz
Maximum load (resistive load)	15A total for one outlet
Power consumption:	≤1W (standby mode)
Power output	1800W, 120V (resistive load)
Operational temperature:	-0°C to 40°C or 32°F to 104°F
Storage temperature	-20°C to 50°C or -4°F to 122°F
Operational Humidity	10%-90% RH, non-condensing
Dimensions (LxWxD)	68 mm x 38 mm x 33 mm or 2.67 in. x 1.5 in. x 1.3 in.
Product weight	64 g
Color	White

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.

UL/ULC notes

The IQ Smart Plug-PG has been listed by ETL for home automation applications in accordance with the requirements in the Standards UL 60730-1 Automatic Electrical Controls.

Safety Instructions

Read the safety information before you install the equipment.

The detector shall be installed and used within an environment that provides the pollution degree max 2 and over voltages category II in non-hazardous locations only. This product is to be installed or used in accordance with local electrical codes and regulations.

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.

Limited Warranty and EULA

To access Warranty and EULA information, access the following link: https://bit.ly/3PwGRX1 or scan the following QR code:



Technical support

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

©2024 Johnson Controls. All rights reserved. JOHNSON CONTROLS, TYCO and DSC are trademarks and/or registered trademarks. Unauthorized use is strictly prohibited.