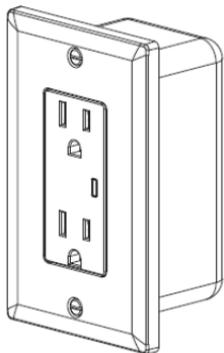


INSIGNIA™

QUICK SETUP GUIDE

Surge Protector

NS-HW120S18



We recommend that you use a professional electrician to install the wall outlet. For information about electrical specifications, see *SPECIFICATIONS*.

SAFETY

Warnings:

- RISK OF ELECTRIC SHOCK — Use only in dry locations and only indoors.
- All cables should be routed away from the charger outlet openings.
- DO NOT use with any aquarium equipment.
- DO NOT install in an outlet that is not grounded.

Notes to the installer:

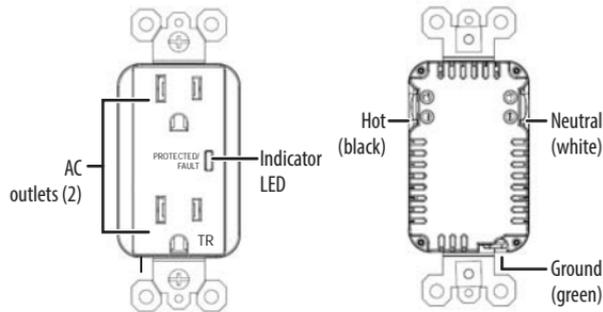
- This device must be installed in accordance with National and Local electrical codes.
- To prevent severe shock or electrocution, always turn power OFF at the service panel before working with wiring.
- This device should be used with copper or copper-clad wire. DO NOT use with aluminum wire.
- DO NOT plug this device into a shallow wall box. The wall box must be deep enough to house the charger outlet. If the box is too shallow, the charger outlet will not fit securely into the wall.

PACKAGE CONTENTS

- 2 AC wall outlets
- White decora-style wall plate
- Screws: 2 long and 2 short
- *Quick Setup Guide*

FEATURES

- Replaces a standard duplex outlet
- Status LED lets you know your devices are protected.
- Tamper-resistant outlets for added safety
- Provides two standard 125V power outlets
- Fireproof 1,080 joules surge protection
- Works in nearly all installations
- Compatible with your existing decora wall plate



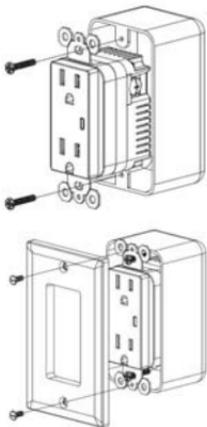
INSTALLING THE CHARGER

- 1 **Warning: DISCONNECT POWER. Failure to do so can result in severe injury or death.** Make sure that you disconnect power to the circuit by removing the fuse from the circuit breaker or turning OFF the circuit breaker.
- 2 Remove the wall plate and mounting screws that cover the old outlet.
- 3 Carefully remove the existing outlet from the wall box.
- 4 Disconnect the wiring from the old outlet.
- 5 Connect the wires to the outlet:
 - Black lead attaches to the hot wire
 - White lead attaches to the neutral wire
 - Green lead attaches to the ground wire

You can attach the wires by:

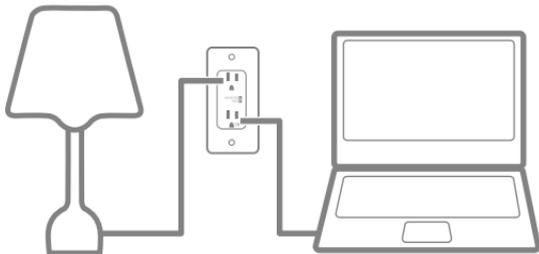
- 1 Inserting straight wires into the holes.
- OR**
- 2 Wrapping the wires 3/4 of the way around the terminal screws, making sure that the wires do not overlap.
- 3 Tighten every screw and make sure that no bare copper wire is exposed. When tightening screws, use 14 pounds-per-inch of torque.
- 6 Carefully insert the outlet into the wall box.

- 7 Secure the outlet to the wall box with the two long screws (provided).
- 8 Secure the wall plate to the outlet with the two short screws (provided).
- 9 Restore power by replacing the fuse or turning on the circuit breaker. The outlet is ready to use.



USING THE WALL OUTLET

- To power electrical devices (like lamps or notebooks), plug them into the electrical outlets.



INDICATOR LED

- Green: surge protected
 - Red: wiring fault
 - LED off: not surge protected
- Note:** Only applicable if the outlet is receiving power. The LED is not lit when power is shut off to outlet.

SPECIFICATIONS

Dimensions (L x W x H)

- With plate:
4.7 x 3 x 1.9 in. (120 x 76 x 47.6 mm)
- Without plate:
4.2 x 1.7 x 1.9 in (106 x 44 x 47.6 mm)

Electrical

- Receptacle Rating: 15 Amp, 125VAC
- Line Voltage: 125V A C @ 60 Hz
- Surge protection: 3 lines (L-N / L-G / N-G)
- Clamping voltage: L-N / L-G / N-G = 500 volts
- Maximum surge current: 45,000 amps
- Maximum energy dissipation: 1,080 joules
- Wire Terminals: #14-#12 AWG
- UL-1449 certified

LEGAL NOTICES

FCC Statement

This device complies with Part 15 of the FCC Rules. 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. 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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ICES-003

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

ONE-YEAR LIMITED WARRANTY

Visit www.insigniaproducts.com for details.

CONTACT INSIGNIA:

For customer service, call 877-467-4289 (U.S. and Canada) or 01-800-926-3000 (Mexico)
www.insigniaproducts.com

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