

Hubbell B07LC2YS1Z

Hubbell Weather-Resistant USB Charging Outlet User Manual

Model: B07LC2YS1Z

1. INTRODUCTION

Thank you for choosing the Hubbell Weather-Resistant USB Charging Outlet. This device combines two standard AC receptacles with two USB charging ports (Type-A and Type-C) in a durable, weather-resistant, and tamper-resistant design, suitable for outdoor and indoor applications where protection from the elements and enhanced safety are required. This manual provides essential information for safe installation, operation, and maintenance of your new outlet.

2. SAFETY INFORMATION

WARNING: RISK OF ELECTRIC SHOCK OR FIRE. IMPROPER INSTALLATION CAN RESULT IN SERIOUS INJURY OR DEATH.

- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Turn off power at the circuit breaker or fuse box before wiring.
- Use only copper conductors.
- Do not install in wet locations unless protected by a weather-resistant enclosure.
- Ensure all wire connections are secure and properly insulated.
- This device is designed for 20 Amp circuits. Do not exceed the rated current.

3. PACKAGE CONTENTS

- Hubbell Weather-Resistant USB Charging Outlet (1 unit)
- Mounting Screws (2 units)
- Instruction Sheet (this document)

4. SETUP AND INSTALLATION

Follow these steps carefully to install the Hubbell Weather-Resistant USB Charging Outlet.

1. **Turn Off Power:** Locate the circuit breaker or fuse that supplies power to the outlet box. Turn off the

power completely before proceeding. Verify power is off using a voltage tester.

2. **Remove Old Outlet (if applicable):** Unscrew and carefully pull the existing outlet from the wall box. Disconnect the wires, noting which wire was connected to which terminal. Typically, black is hot, white is neutral, and bare copper/green is ground.
3. **Prepare Wires:** Strip approximately 1/2 inch (12.7 mm) of insulation from the ends of the circuit wires. Ensure the wire ends are clean and straight.
4. **Wire the New Outlet:** Connect the wires to the new Hubbell outlet as follows:
 - Connect the **hot (black)** wire to the **brass-colored terminal**.
 - Connect the **neutral (white)** wire to the **silver-colored terminal**.
 - Connect the **ground (bare copper or green)** wire to the **green ground screw**.

Ensure all connections are tight and secure.

5. **Mount the Outlet:** Carefully fold the wires into the electrical box. Insert the new outlet into the box and secure it with the provided mounting screws. Do not overtighten.
6. **Install Faceplate and Weather-Resistant Cover:** Attach a standard wall plate (not included) and, for outdoor applications, install a suitable weather-resistant in-use cover (not included) over the outlet. This cover is essential for maintaining the weather-resistant rating.

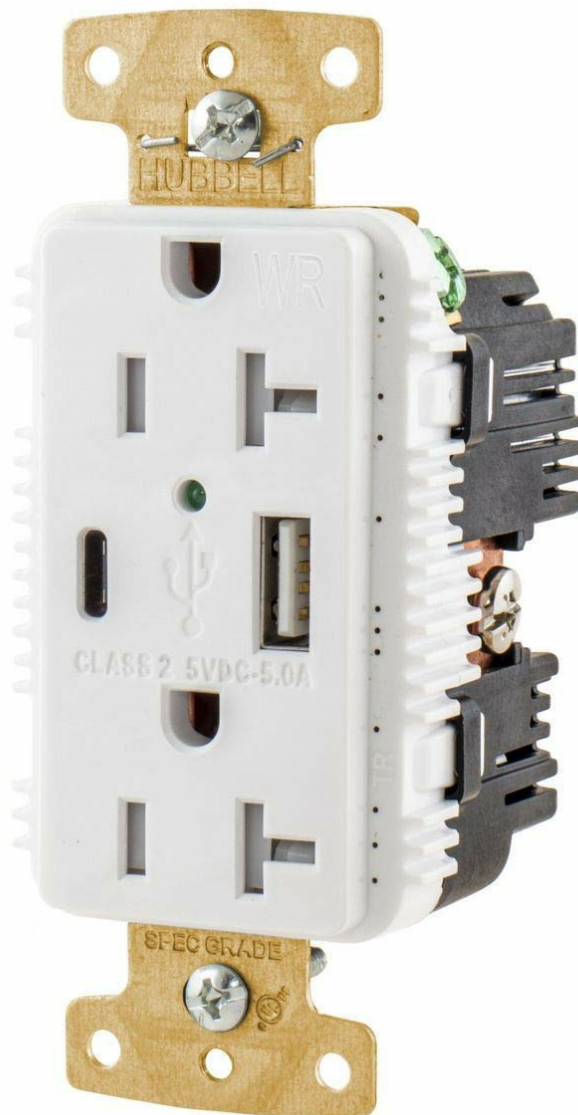


Image 1: This image displays the front of the Hubbell Weather-Resistant USB Charging Outlet. It features two standard 3-prong AC

receptacles and two USB charging ports, one Type-A and one Type-C, located between the AC outlets. The outlet is white with brass mounting straps and clearly marked 'WR' for Weather Resistant and 'TR' for Tamper Resistant. 'CLASS 2 5VDC-5.0A' is also visible, indicating the USB power output.



Image 2: This image illustrates the Hubbell Weather-Resistant USB Charging Outlet installed within a gray outdoor weather-resistant electrical box. The box has a clear cover, which is open, and two electrical cords are plugged into the AC receptacles of the outlet. This setup demonstrates how the outlet is protected for outdoor use.

- **Restore Power:** Once the outlet is securely installed and covered, turn the power back on at the circuit breaker or fuse box.

5. OPERATING INSTRUCTIONS

The Hubbell Weather-Resistant USB Charging Outlet provides both standard AC power and USB charging capabilities.

- **AC Receptacles:** Plug any standard 120V AC device into the two 3-prong receptacles. These are tamper-resistant (TR) for added safety, requiring both prongs to be inserted simultaneously.
- **USB Charging Ports:** The outlet features one USB Type-A port and one USB Type-C port. Connect your USB-powered devices (e.g., smartphones, tablets) using appropriate USB cables. The ports provide 5V DC at a total of 5.0 Amps, shared between both ports.
- **Weather Resistance (WR):** For outdoor use, ensure the outlet is installed in a suitable weather-resistant enclosure with an in-use cover to protect it from moisture and debris.

6. MAINTENANCE

Regular maintenance ensures optimal performance and safety.

- **Cleaning:** Disconnect power before cleaning. Wipe the surface of the outlet with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the outlet for any signs of damage, such as cracks, discoloration, or loose connections. For outdoor installations, check the weather-resistant cover for proper sealing and

- integrity.
- **Environmental Protection:** Ensure the weather-resistant cover is always closed when the outlet is not in use, especially in outdoor environments, to protect against moisture and foreign objects.

7. TROUBLESHOOTING

If you encounter issues with your Hubbell Weather-Resistant USB Charging Outlet, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to AC receptacles or USB ports.	Circuit breaker tripped or fuse blown. Loose wiring connection.	Check and reset the circuit breaker or replace the fuse. Turn off power and check wire connections.
USB devices not charging or charging slowly.	Faulty USB cable. Device requires more power than available. Multiple devices drawing too much current.	Try a different USB cable. Ensure device is compatible with 5V/5A shared output. Disconnect one USB device to see if charging resumes for the other.
Outlet feels warm.	Normal operation under heavy load. Overload.	A slight warmth is normal. If it feels excessively hot, disconnect devices and check for overload or faulty wiring. Consult an electrician if necessary.
AC plugs difficult to insert.	Tamper-resistant (TR) feature.	This is normal. Apply firm, even pressure to both prongs simultaneously. Do not force.

8. SPECIFICATIONS




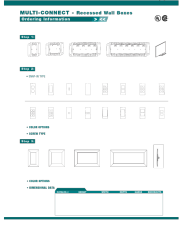


- **Brand:** Hubbell
- **Model:** B07LC2YS1Z
- **AC Receptacles:** 20 Amp, 125V AC
- **USB Output:** 5V DC, 5.0 Amps (shared between Type-A and Type-C ports)
- **Features:** Weather Resistant (WR), Tamper Resistant (TR)
- **Material:** Copper (terminals), Thermoplastic (housing)
- **Color:** White
- **Power Plug Type:** Type B - 3 pin (North American)
- **Package Dimensions:** Approximately 4.33 x 2.13 x 1.89 inches

9. WARRANTY AND SUPPORT

Hubbell products are manufactured to high-quality standards. For specific warranty information and customer support, please refer to the documentation included with your purchase or visit the official Hubbell website. Keep your proof of purchase for warranty claims.

For technical assistance or questions regarding installation and operation, please contact Hubbell customer service.

Related Documents - B07LC2YS1Z

 <p>Trinetics® UltraVac® Solid Dielectric Motor Operated Vacuum Switches Installation and Operation Instructions</p>	<p>Trinetics UltraVac Solid Dielectric Motor Operated Vacuum Switches: Installation and Operation Instructions</p> <p>Comprehensive installation and operation guide for Trinetics UltraVac Solid Dielectric Motor Operated Vacuum Switches by Hubbell. Covers product specifications, dimensions, electrical connections, safety warnings, handling, and maintenance.</p>
 <p>IWS-ZP-3P Occupancy Sensor Installation and Adjustment Guide</p>	<p>IWS-ZP-3P Occupancy Sensor Installation and Adjustment Guide</p> <p>Comprehensive installation and adjustment guide for the Hubbell IWS-ZP-3P occupancy sensor, detailing wiring, timing, sensitivity, and photocell settings for optimal performance.</p>
 <p>HUBBELL OPERATING AND MAINTENANCE MANUAL OMNI PBX HEAT PUMP WATER HEATER</p>	<p>Hubbell OMNI PBX Heat Pump Water Heater Operating and Maintenance Manual</p> <p>Comprehensive operating and maintenance manual for the Hubbell OMNI PBX heat pump water heater, covering installation, operation, troubleshooting, and warranty information.</p>
 <p>MULTI-CONNECT® Recessed Wall Boxes ORDERING GUIDE</p>	<p>Hubbell MULTI-CONNECT Recessed Wall Boxes - Ordering Guide</p> <p>A guide to ordering Hubbell MULTI-CONNECT recessed wall boxes, including selection of wall boxes, modular faceplates (snap-in and screw-type), and wall flanges. Details color options, dimensions, and available gang configurations.</p>
 <p>THE ENGINEERED ENCLOSURE</p>	<p>Hot Box Enclosures: Engineered Solutions for Outdoor Infrastructure</p> <p>Explore the comprehensive range of Hot Box® enclosures, designed for optimal protection and easy maintenance of backflow prevention, pump, and sprinkler assemblies. Discover aluminum, fiberglass, and HDPE options, engineered to meet ASSE 1060 standards and various environmental challenges.</p>
 <p>Twist-Lock 50A Grounding Receptacle & Flanged Inlet Installation Instructions</p>	<p>Hubbell Twist-Lock 50A Grounding Receptacle & Flanged Inlet Installation Guide</p> <p>Official installation instructions from Hubbell for Twist-Lock 50A grounding receptacles and flanged inlets. Covers wiring, mounting, and safety precautions for qualified electricians.</p>