

LIDER USB 1A 2C

LIDER PD 36W Recessed Outlet Station User Manual

Model: USB 1A 2C

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your LIDER PD 36W Recessed Outlet Station. Please read this manual thoroughly before installation and retain it for future reference.

The LIDER Recessed Outlet Station is designed to provide convenient power access with two AC outlets, one USB-A port, and two USB-C ports (one with Power Delivery) for various electronic devices. Its sleek design integrates seamlessly into desks, cabinets, and other surfaces.

2. SAFETY INFORMATION

WARNING: To reduce the risk of electric shock, fire, or injury, always follow basic safety precautions when using electrical products.

- Do not expose this product to rain or moisture.
- Do not operate this product with a damaged cord or plug.
- Ensure the product is installed in a dry location, away from water sources.
- Do not disassemble the unit. Refer all servicing to qualified service personnel.
- This product is ETL Listed, ensuring compliance with North American safety standards.
- The AC outlets are Tamper-Resistant (TR), designed to prevent insertion of foreign objects.
- In case of liquid splatter near USB ports, wipe immediately to prevent damage.

3. PACKAGE CONTENTS

- LIDER PD 36W Recessed Outlet Station (Model: LTU-RPD36AC2-BK)
- Mounting Screws

4. SPECIFICATIONS

Model	USB 1A 2C
AC Outlets	2 (NEMA 5-15R, Tamper-Resistant)
Max Wattage	1500W
Voltage	120V AC
USB Type-C1 (PD)	20V/1.5A, 15V/2A, 12V/2.5A, 9V/3A, 5V/3A (Max 30W)
USB Type-C2	5V/2.4A
USB Type-A	5V/2.4A
USB Type-C2 + USB Type-A Total Output	5V/2.4A
AC Cord Type	6.5ft 16AWG Appliance cord, NEMA 5-15P
Product Dimensions (Recessed Part)	1.81 inches (width) x 3.93 inches (length)
Overall Faceplate Dimensions	2.16 inches (width) x 4.33 inches (length)
Weight	11.68 ounces

The power cord features a 45° ultra-thin flat plug, designed to minimize obstruction when plugged into a wall outlet.



Figure 1: Port Specifications and Layout



Figure 2: USB Charging Speed Guide

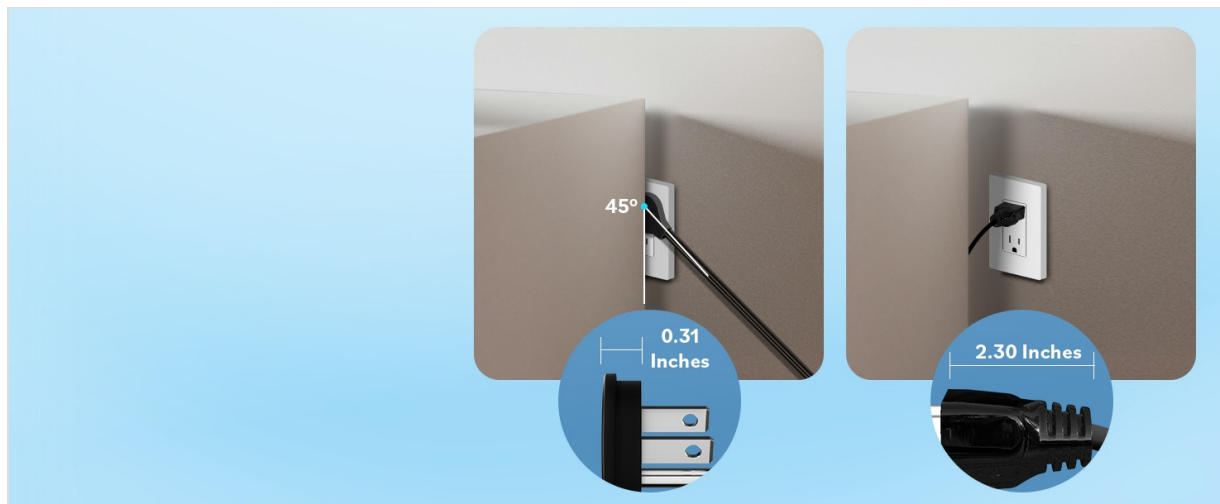


Figure 3: 45° Ultra Thin Flat Plug Design

5. INSTALLATION INSTRUCTIONS

The LIDER Recessed Outlet Station is designed for easy integration into various furniture pieces. Ensure the installation location allows the 6.5 ft power cord to reach a wall outlet.

5.1. Required Tools (Not Included)

- Measuring tape or ruler
- Pencil or marker
- Jigsaw or appropriate cutting tool for your material (wood, laminate, etc.)
- Screwdriver

5.2. Installation Steps

1. **Measure and Mark:** Carefully measure the dimensions for the cutout. The recessed part of the unit requires a hole width of 1.81 inches and a hole length of 3.93 inches. It is recommended to mark these dimensions precisely on your desired surface. Note that the back of the unit tapers slightly, so allow a small margin for a proper fit.
2. **Cut the Opening:** Using an appropriate cutting tool, create the opening based on your markings. Ensure the edges are clean and smooth.
3. **Insert the Unit:** Gently insert the LIDER Recessed Outlet Station into the cutout. The faceplate should sit flush with the surface.
4. **Secure the Unit:** Use the provided mounting screws to secure the unit to the surface through the screw holes on the faceplate.
5. **Connect to Power:** Plug the 6.5 ft power cord into a standard 120V AC wall outlet.

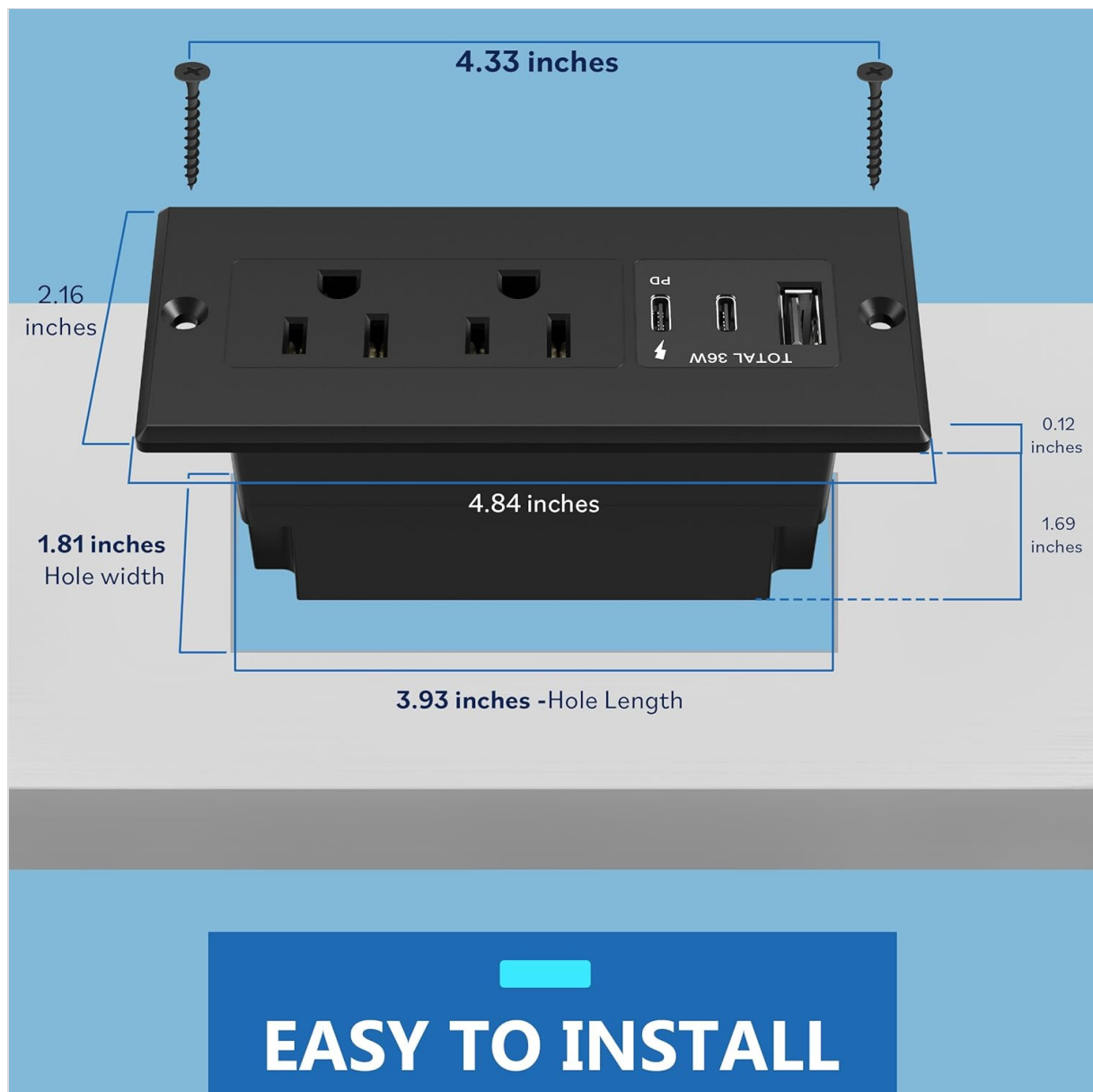


Figure 4: Installation Dimensions

5.3. Mounting Examples

The versatile design allows for various installation scenarios:

- **Desktop Mounting:** Integrate into the surface of your desk for easy access.
- **Drawer Mounting:** Install inside a drawer to keep cables hidden and surfaces clear.
- **Side Mounting:** Attach to the side of a desk or cabinet.
- **Cabinet Door Mounting:** Can be mounted on cabinet doors for discreet power access.
- **Adjustable Desks:** Compatible with height-adjustable desks, ensuring power moves with your workstation.



Figure 5: Desktop Installation Example



Figure 6: Drawer Installation Example



Figure 7: Side Mounting Example

6. OPERATION

Once installed and connected to a power source, the LIDER Recessed Outlet Station is ready for use. Simply plug your devices into the available AC outlets or USB ports.

6.1. AC Outlets

The two standard AC outlets provide power for devices requiring up to 1500W total. These outlets are Tamper-Resistant for enhanced safety.

6.2. USB Charging Ports

The unit features one USB-A port and two USB-C ports for charging mobile devices, tablets, and other USB-powered electronics.

- **USB Type-C1 (PD):** This port supports Power Delivery (PD) up to 30W, enabling faster charging for compatible devices like smartphones and laptops.
- **USB Type-C2:** Provides standard 5V/2.4A charging.
- **USB Type-A:** Provides standard 5V/2.4A charging.
- **Combined USB Output:** When USB Type-C2 and USB Type-A ports are used simultaneously, their

total output is 5V/2.4A.



Figure 8: Product Compatibility Overview

7. MAINTENANCE

The LIDER Recessed Outlet Station requires minimal maintenance.

- **Cleaning:** Disconnect the unit from the power source before cleaning. Use a soft, dry cloth to wipe the surface. Do not use abrasive cleaners or solvents.
- **Liquid Splatter:** The design limits liquid splatter from entering the USB ports. However, if any liquid splatters on the unit, wipe it off immediately to prevent potential damage.
- **Inspection:** Periodically inspect the power cord and plug for any signs of damage. If damage is found, discontinue use and contact customer support.

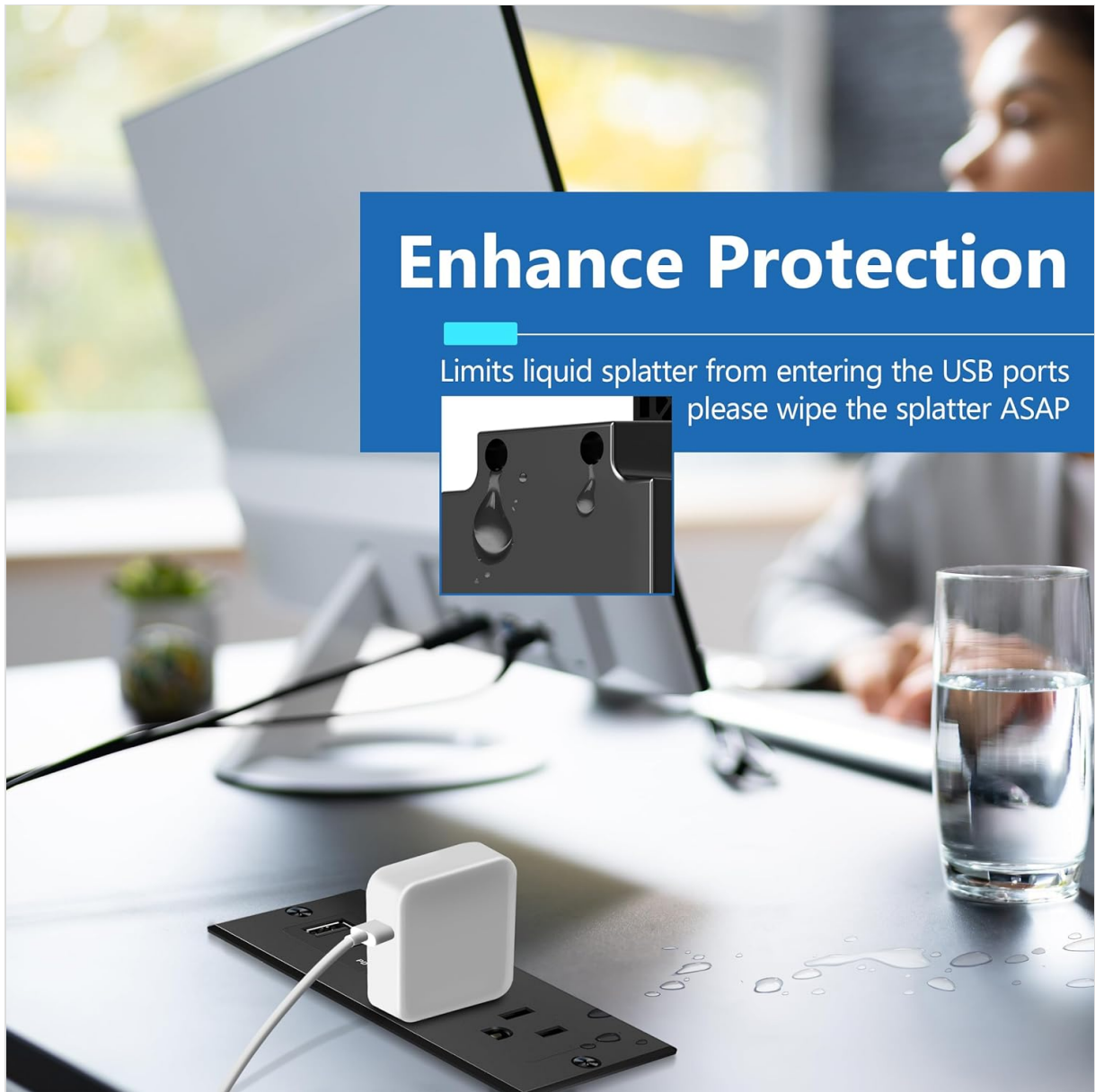


Figure 9: Liquid Splatter Protection Feature

8. TROUBLESHOOTING

If you encounter issues with your LIDER Recessed Outlet Station, please refer to the following common solutions:

Problem	Possible Cause	Solution
No power to AC outlets or USB ports	Unit not plugged in; Wall outlet not functioning; Overload	Ensure the power cord is securely plugged into a live wall outlet. Test the wall outlet with another device. Reduce the number of connected devices to prevent overload.
USB devices not charging or charging slowly	Incorrect USB port used; Cable issue; Device not compatible with fast charging	Ensure you are using the correct USB-C (PD) port for fast charging. Try a different USB cable. Verify your device supports the charging standard of the port. Note combined USB output limitations.
Unit does not fit into cutout	Incorrect cutout dimensions	Re-measure the cutout and compare with the specified dimensions (1.81" x 3.93"). Adjust the cutout as necessary, allowing for the slight taper at the back of the unit.

If the problem persists after attempting these solutions, please contact LIDER customer support.

9. WARRANTY AND SUPPORT

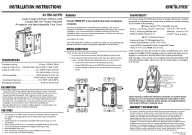



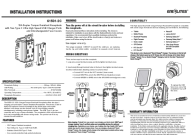
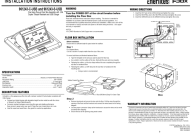
The LIDER PD 36W Recessed Outlet Station comes with a **1-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries, please contact LIDER customer service through the official LIDER Store on Amazon or visit the LIDER website.

LIDER Store: <https://www.amazon.com/stores/LIDER/page/65221A29-B7DA-40FC-81D7-DBC287CFE6FD>

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Related Documents - USB 1A 2C

	Energizer 61150-QCPD: Installation Guide for Quick Charge 3.0/Power Delivery USB Receptacle Detailed installation instructions and specifications for the Energizer 61150-QCPD, a 15A tamper-resistant USB receptacle featuring Qualcomm Quick Charge 3.0 and USB Power Delivery. Learn about compatibility, wiring, and features.
	Maxxima MEW-USB482C TR Wall Outlet with USB-A and USB-C Ports Installation Guide Installation and safety instructions for the Maxxima MEW-USB482C Tamper-Resistant TR Wall Outlet, featuring USB-A and USB-C charging ports. This high-speed charging receptacle includes 2 standard outlets and integrated USB C/A ports, designed for smart devices. Includes wiring diagrams and warranty information.
	Energizer 61501/62001-1A1C5 Dual USB Charger Receptacle Installation Guide Comprehensive installation instructions for the Energizer 61501/62001-1A1C5 Dual USB Charger with 15/20A Tamper-Resistant Receptacle. Learn how to safely install and wire this device.
	Brandstand CubieMod 2.0 User Manual and Installation Guide Comprehensive user manual and installation guide for the Brandstand CubieMod 2.0, detailing features, specifications, safety precautions, and mounting options for this AC and USB power outlet device.
	Energizer 61501-2C Installation Guide: Tamper-Resistant Receptacle with Dual USB-C Ports Installation instructions and specifications for the Energizer 61501-2C 15A Tamper-Resistant Receptacle, featuring two high-speed USB Type-C charging ports and interchangeable face covers. Learn about compatibility, wiring, and warranty.
	Energizer 961243-C-USB/S-USB Pop-Up Floor Box Installation Guide Detailed installation instructions for the Energizer 961243-C-USB and 961243-S-USB one-gang pop-up floor box, featuring a 20A tamper-resistant duplex receptacle and USB charger. Includes wiring, safety warnings, and specifications.

