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BESTTEN USP-4U0A-1B

BESTTEN USB Receptacle Outlet Instruction Manual

Model: USP-4U0A-1B

1. Safety Information

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always turn off power at the circuit breaker or fuse box before installing or servicing the outlet.
- Use this device only with copper or copper-clad wire. Do not use with aluminum wire.
- Ensure all wire connections are secure and properly insulated.
- Do not unscrew the terminal screws too far or with excessive force.
- Do not use power tools to loosen the terminal screws.
- The USB receptacle can only be wired to one circuit.
- This product is not suitable for RV use.

2. Product Overview

The BESTTEN USB Receptacle Outlet provides convenient charging for your USB-powered devices directly from your wall outlet. It features four high-speed USB Type-A ports, eliminating the need for bulky adapters.

Key Features:

- **4 USB Type-A Ports:** Each port supports up to 2.4 amps, with a total output of 4.2 amps (21W).
- **125VAC Input:** Standard input for residential and commercial use.
- **Built-in Smart Chip:** Automatically identifies and optimizes the charging current for connected devices.
- **LED Indicator:** A blue LED light indicates power status.
- **Easy Installation:** Designed for simple replacement of existing outlets with side and back wiring options.
- **UL / cUL Listed:** Certified for safety and quality standards.
- **Fire Resistant:** Constructed from durable Polycarbonate (PC) material.
- **Decorator Wall Plate Included:** Provides a clean and modern finish.



Figure 2.1: Front view of the BESTTEN USB Receptacle Outlet in black.



Figure 2.2: Key features and specifications of the USB outlet, highlighting its smart charging capabilities.



Figure 2.3: Wide compatibility of the USB outlet with various electronic devices.

3. Installation

This USB receptacle is designed for easy installation, replacing a standard wall outlet. If you are unsure about any part of the installation process, consult a qualified electrician.

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker or fuse that supplies power to the outlet you intend to replace. Turn off the power completely. Verify power is off using a voltage tester.
2. **Remove Old Outlet:** Carefully remove the wall plate and unscrew the existing outlet from the electrical box. Disconnect the wires from the old outlet, noting which wire was connected to which terminal (hot, neutral, ground).
3. **Identify Wires:**
    - **Black/Hot Wire:** Connects to the Brass Screw.
    - **White/Neutral Wire:** Connects to the Silver Screw.

- **Green/Ground Wire:** Connects to the Green Screw.

4. **Connect New Outlet:** This outlet supports both side wiring and back wiring.

   For Side Wiring (12 AWG & 14 AWG):
   Strip approximately 1/2 inch of insulation from the wire ends. Loop the bare wire clockwise around the appropriate terminal screw and tighten securely.

   For Back Wiring (14 AWG Only):
   Gently loosen the screw holding it against the terminal. Press the screw to open the terminal hole, insert the bare wire into the hole, and then tighten the terminal screw to 12-14 in-lbs. Ensure the wire is fully inserted and held firmly.

5. **Secure Outlet:** Carefully push the wired outlet back into the electrical box. Screw the outlet securely into the box.
6. **Install Wall Plate:** Attach the included decorator wall plate.
7. **Restore Power:** Turn the power back on at the circuit breaker or fuse box. The blue LED indicator on the USB outlet should illuminate.



Figure 3.1: Wiring instructions for the BESTTEN USB Receptacle Outlet.

4. Operation

Once installed and powered, the BESTTEN USB Receptacle Outlet is ready for use.

- **Charging Devices:** Simply plug your USB charging cables into any of the four USB Type-A ports. The built-in smart chip will detect your device and deliver the optimal charging current up to 2.4 amps per port, with a total maximum output of 4.2 amps.
- **LED Indicator:** The blue LED light indicates that the outlet is receiving power and the USB ports are active.
- You can charge multiple devices simultaneously, up to the total 4.2A capacity.



Figure 4.1: The USB outlet in use, charging a mobile device.

5. Maintenance

The BESTTEN USB Receptacle Outlet requires minimal maintenance.

- **Cleaning:** To clean the surface of the outlet and wall plate, wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the outlet for any signs of damage or loose connections. If any issues are found, turn off power at the breaker and consult a qualified electrician.

6. Troubleshooting

If you experience issues with your BESTTEN USB Receptacle Outlet, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
USB ports are not charging devices.	No power to the outlet; faulty cable/device; overloaded ports.	Check circuit breaker. Ensure power is on. Try a different USB cable or device. Reduce the number of devices being charged simultaneously.
LED indicator is not lit.	No power to the outlet; incorrect wiring.	Verify power at the circuit breaker. Recheck wiring connections (refer to Section 3: Installation).
Outlet feels warm during charging.	Normal operation under heavy load; potential overload.	A slight warmth is normal. If it feels excessively hot, disconnect devices and reduce the load. Ensure total current does not exceed 4.2A. If problem persists, consult an electrician.

7. Specifications

Specification	Value
Model Number	USP-4U0A-1B
Input Voltage	125VAC
USB Output (Total)	4.2A / 21W
USB Output (Per Port)	Max 2.4A
Number of USB Ports	4 (Type-A)
Material	Polycarbonate (PC)
Product Dimensions (L x W)	4.5" x 2.75" (11.4 cm x 6.98 cm)
Certifications	UL / cUL Listed

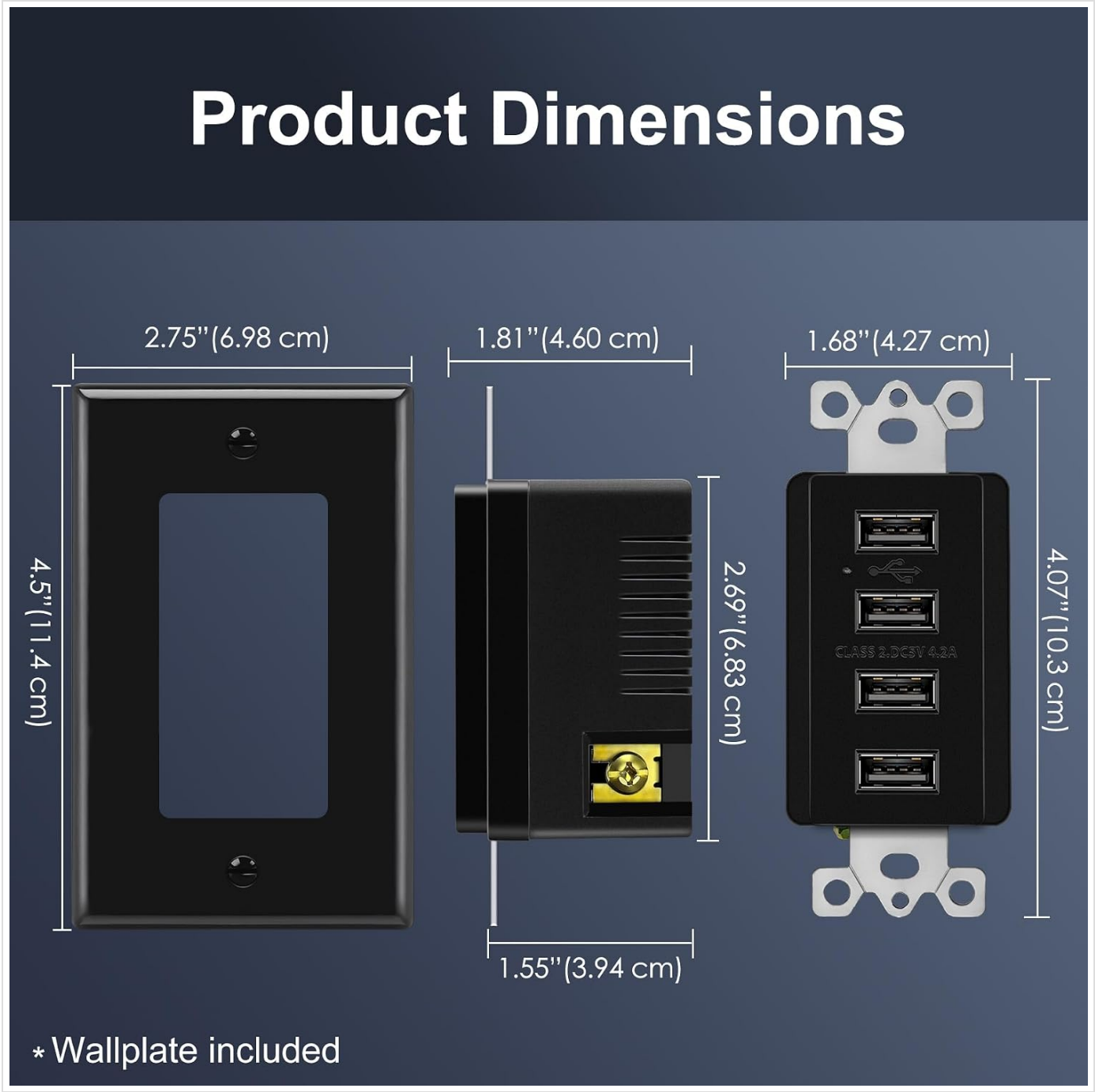


Figure 7.1: Product dimensions of the USB Receptacle Outlet.

8. Warranty and Support

BESTTEN products are manufactured to the highest quality standards. This product is backed by a**3-year warranty** from the date of purchase.

If you have any questions, require technical assistance, or need to make a warranty claim, please contact BESTTEN customer service through their official website or the retailer where the product was purchased.

For more information, visit theBESTTEN Store on Amazon.

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