

MIXILIN YHY-08200060

MIXILIN 60-Port USB Charging Station User Manual

Model: YHY-08200060

Brand: MIXILIN

1. INTRODUCTION

Thank you for choosing the MIXILIN 60-Port USB Charging Station. This multi-port charging station is designed to efficiently charge up to 60 USB-powered devices simultaneously, making it ideal for various environments such as hotels, schools, shopping malls, and large gatherings. It incorporates advanced intelligent protection technology to ensure safe and reliable charging for all your devices.

2. PRODUCT OVERVIEW AND COMPONENTS

The MIXILIN 60-Port USB Charging Station is a robust device built for high-volume charging. Please ensure all components are present upon unboxing.

2.1 What's Included

- 1 x MIXILIN 60-Port USB Charging Station (Model: YHY-08200060)
- 1 x Universal Power Cord
- 1 x Packing Box

2.2 Product Features

The charging station features a durable black shell and is equipped with a high-efficiency pure copper motor fan for heat dissipation. Each of the 60 USB ports operates independently, preventing interference and ensuring optimal charging safety.



Figure 2.2.1: Front view of the MIXILIN 60-Port USB Charging Station, showing the 60 USB ports, power switch, and cooling fan.



Figure 2.2.2: Detailed view of the charging station highlighting its 60 USB ports, automatic protection button (power switch), cooling fan, smooth shell, and heavy-duty extension cord.



Figure 2.2.3: Side and top views illustrating the dimensions of the charging station: approximately 10.4 inches in length, 2.9 inches in width, and 4.9 inches in height.

3. SETUP

Follow these steps to set up your charging station for the first time:

1. **Unpack:** Carefully remove the charging station and its accessories from the packaging.
2. **Placement:** Place the charging station on a stable, flat surface with adequate ventilation. Ensure the cooling fan is not obstructed. The unit can also be wall-mounted.
3. **Connect Power:** Insert the universal power cord into the power input port on the charging station.
4. **Plug In:** Plug the other end of the power cord into a standard AC 110V 60Hz power outlet.
5. **Power On:** Flip the power switch (often labeled as an automatic protection button) to the 'ON' position. The unit is now ready for use.

4. OPERATING INSTRUCTIONS

The MIXILIN 60-Port USB Charging Station is designed for simple and efficient operation.

4.1 Charging Devices

1. **Connect Devices:** Use appropriate USB cables to connect your devices (smartphones, tablets, MP3 players, etc.) to any of the 60 available USB ports on the charging station.
2. **Automatic Detection:** The intelligent iSmart technology automatically detects the connected device and delivers the optimal charging current for fast and safe charging.
3. **Simultaneous Charging:** You can charge up to 60 devices simultaneously at full speed, thanks to the impressive total power output of 60A/300W.
4. **Independent Ports:** Each USB interface has an independent chip, ensuring that charging multiple devices does not cause mutual interference, thereby maintaining charging safety and efficiency.



Figure 4.1.1: The charging station in a home or party setting, demonstrating its use for charging multiple personal devices like phones and laptops.

Customized For Shop&hotel Works With All USB Devices



Figure 4.1.2: The charging station in a commercial setting, such as a shop or hotel, highlighting its versatility for various USB devices.



Figure 4.1.3: Collage showing the charging station's applicability in diverse environments including schools, hotels, shops, and parties.



Figure 4.1.4: Illustration of the charging station's broad compatibility with various USB devices, including phones, tablets, PSPs, Kindles, DVs, MP4 players, USB mini loudspeakers, and USB mini desk lights.

5. ADVANCED PROTECTION FEATURES

The MIXILIN charging station is built with multiple layers of protection to safeguard your devices and the unit itself. It features an Integrated Modular Temperature Control System and a third-generation core power supply for enhanced safety and performance.

- **Overcharge Protection:** Prevents devices from being overcharged, extending battery life.
- **Overcurrent Protection:** Protects against excessive current flow.
- **Overvoltage Protection:** Shields devices from voltage spikes.
- **Short-Circuit Protection:** Automatically cuts off power in case of a short circuit.
- **Overheating Protection:** The cooling fan and internal design prevent the unit from overheating.
- **Anti-Reverse Protection:** Prevents damage from incorrect power input.
- **Flame Retardant Materials:** Constructed with materials that resist fire.
- **Electric Leakage Protection:** Added safety against electrical leakage.

Integrated Modular Temperature Control System



Temperature Protection



Reset Protection



Short Circuit Protection



Input Overvoltage Protection



Input Anti-Counter Protection



Input Overcurrent Protection



Input Overvoltage Protection



Battery Protection

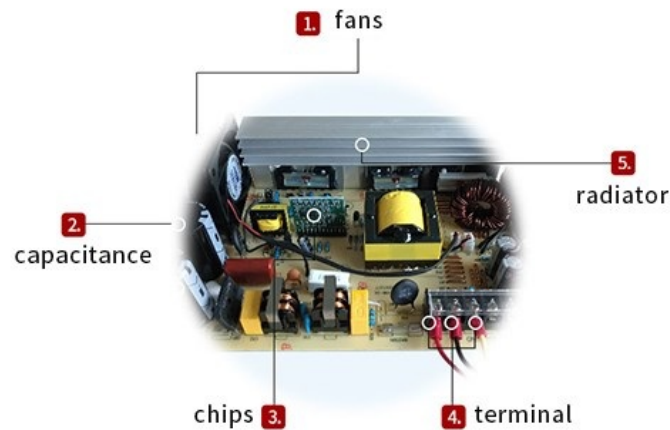


PTC Protection



Figure 5.1.1: Diagram illustrating various protection mechanisms including temperature, reset, short circuit, input overvoltage, input anti-counter, input overcurrent, battery, and PTC protection. Below, an image of the internal circuit board shows components like capacitors, chips, and radiators designed for stable and safe power delivery.

Third-generation core power supply



- 1.** High quality fan, provide good heat dissipation function, more quiet.
- Adopted Large capacity capacitor to ensure stable output of high power. **2.**
- 3.** Imported chip, more sensitive response, more stronger control ability.
- Copper wire interface with terminal, insulation skin wrapped more secure. **4.**
- 5.** Large size radiator, more faster and safer.

Figure 5.1.2: Visual representation of the 60 ports and various protection features, including overcharge, equipment identification, voltage protection, low power protection, overcurrent, power protection, temperature protection, and short circuit protection.



Figure 5.1.3: Breakdown of the third-generation core power supply, highlighting key components such as high-quality fans for heat dissipation, large capacity capacitors for stable output, imported chips for sensitive response, copper wire interfaces, and large radiators for faster and safer operation.

6. MAINTENANCE

To ensure the longevity and optimal performance of your MIXILIN 60-Port USB Charging Station, follow these maintenance guidelines:

- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth to wipe the exterior of the unit. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the ventilation slots and fan are free from dust and debris. Periodically clean them with a soft brush or compressed air to maintain proper airflow.
- **Storage:** When not in use for extended periods, store the charging station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid tangling or excessive bending of the power cord and USB cables to prevent damage.

7. TROUBLESHOOTING

If you encounter any issues with your charging station, please refer to the following common troubleshooting steps:

- **Device Not Charging:**
 - Ensure the charging station is powered on and the power cord is securely connected to both the unit and the wall outlet.
 - Try a different USB port on the charging station.
 - Test the device and USB cable with another known working charger to rule out issues with the device or cable.
- **Slow Charging:**
 - Verify that the USB cable used is of good quality and suitable for fast charging.
 - Ensure the device being charged supports the charging speed provided by the port.
 - Check if the charging station's ventilation is clear to prevent overheating, which can sometimes reduce charging efficiency.
- **Unit Not Powering On:**
 - Check the power cord connection at both ends.
 - Ensure the wall outlet is functional by plugging in another appliance.
 - Verify the power switch on the charging station is in the 'ON' position.

If the problem persists after trying these steps, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	MIXILIN
Model Number	YHY-08200060
Product Dimensions	6.85 x 3.78 x 10.87 inches

Item Weight	4.2 pounds
Number of Ports	60 USB Ports
Input Voltage	AC 110V 60Hz (as per product label) / 220 Volts (AC) (as per specifications) <i>Note: Please verify specific voltage requirements for your region.</i>
Output Voltage	DC 5V (as per product label)
Total Power Output	60A / 300W
Connector Type	USB
Compatible Devices	Cellular Phones, E-Book Readers, Headphones, MP3 Players, Smartphones, Tablets, Game Consoles, Laptops, Speakers, Smartwatches
Special Feature	Intelligent Protection, Independent Port Chips, Temperature Control System
Color	Black
Mounting Type	Wall Mount

9. CUSTOMER SUPPORT

For any questions, technical assistance, or support regarding your MIXILIN 60-Port USB Charging Station, please contact our customer service team. We offer 7*24-hour customer service to assist you.
Please refer to your product packaging or the retailer's website for specific contact information.

