

## Kitbox i6

# Kitbox 40W 8-Port USB Charging Station User Manual

Model: i6

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation of your Kitbox 40W 8-Port USB Charging Station, Model i6. Please read this manual thoroughly before use and retain it for future reference.

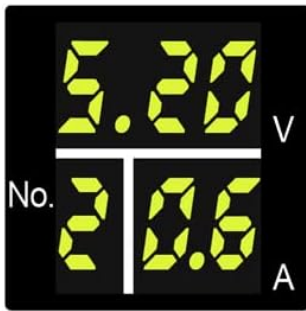
## 2. PRODUCT FEATURES

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- **8 USB Ports:** Simultaneously charge up to eight USB-powered devices.
- **40W Total Output:** Delivers a combined 40 watts of power across all ports.
- **LED Display:** Shows real-time voltage and current for each connected port, providing clear charging status.
- **Smart Recognition Technology:** Automatically detects the power requirements of connected devices to ensure optimal and safe charging.
- **Multi-Protection System:** Integrated safeguards against over-heating, over-charging, over-current, over-load, over-voltage, and short-circuits, protecting both the charger and your devices.
- **Compact Design:** Ideal for home, office, or travel use.

# Smart Voltage and Current recognition

LCD current,voltage,power digital precision display



Total output: 5.2V



Show the number of USB port which connect the device  
If the 8 USB ports are fully used, it will show every number  
by 2 seconds



Show the Current in the device

Image: The Kitbox 8-Port USB Charging Station highlighting its smart voltage and current recognition feature with an LCD display.

## Smart Voltage and Current recognition

LCD current,voltage,power digital precision display.

Support a variety of USB charging protocols, each charging protocol automatic switching.

Divider 1 / Divider 2 / Divider 3 charging protocol (Apple dedicated).

D+/D- set 1.2V mode (Samsung dedicated)

DCP CTIS and YD/T 1591-2009 BC1.2

Charging protocol.

MPS synchronous rectifier technology in the United states.

Output short circuit protection

Output over current protection

Over temperature protection

Surge protection

Anti lightning protection

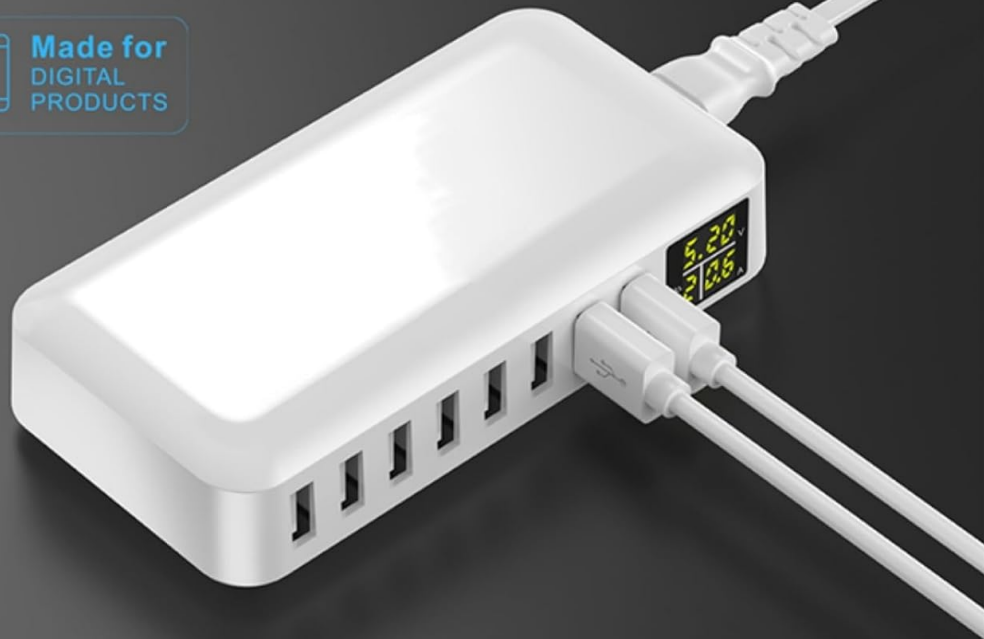


Image: Visual representation of the multi-protection features including over-charge, thermal, short-circuit, leakage, over-power, over-current, and over-voltage protection.

### 3. PACKAGE CONTENTS

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Please check the package for the following items:

- 1 x Kitbox 40W 8-Port USB Charging Station
- 1 x AC Power Cable
- 1 x User Manual

### 4. SETUP

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1. Connect the provided AC power cable to the charging station's power input port.
2. Plug the other end of the AC power cable into a standard wall outlet (100-240V, 50-60Hz).
3. The LED display will illuminate, indicating the device is powered on.

### 5. OPERATING INSTRUCTIONS

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1. Connect your USB-powered devices (smartphones, tablets, e-readers, etc.) to any of the 8 available USB ports using their respective USB charging cables.
2. The LED display will show the voltage and current for the active charging port. If multiple ports are in use, the display will cycle through the information for each port every 2 seconds.
3. The charging station will automatically adjust the output to match your device's charging requirements.
4. Once charging is complete, disconnect your devices.

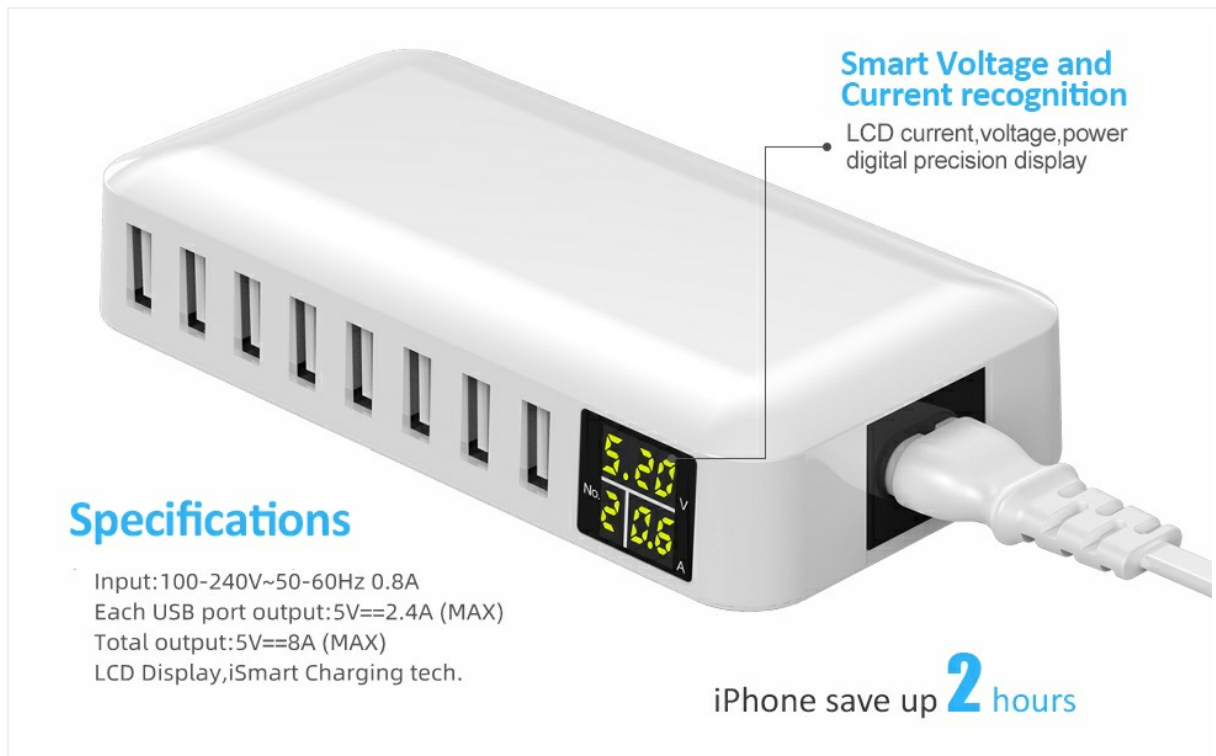


Image: The Kitbox charging station in use, simultaneously charging a smartphone, tablet, and smartwatch.

## 6. SAFETY INFORMATION AND WARNINGS

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- This charger functions solely as a power source and does not transmit data.
- Do not pull forcefully on the main plug when disconnecting from the power outlet.
- Do not disassemble or strike the charger.
- Avoid stacking the charger with other heat-dissipating electronic products, as this can hinder heat dissipation and lead to overheating or melting.
- The charger does not support Quick Charge 3.0. Devices equipped with Quick Charge technology, such as Samsung Galaxy series, will charge at standard speeds.
- The multi-USB charger includes safety protections against overheating, overcharging, overcurrent, overload, overvoltage, and short circuits. These features automatically protect your devices and extend battery life.
- If the total current drawn by connected devices exceeds 8A, the unit will enter a self-protection state. Disconnect some devices to resume normal operation.

## 7. MAINTENANCE

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- Clean the charging station with a soft, dry cloth.

- Avoid using harsh chemicals or abrasive cleaners.
- Keep the device away from water and excessive moisture.

## 8. TROUBLESHOOTING

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- **Device not charging or LED display not showing current:**
  - Ensure the charging station is properly plugged into a live power outlet.
  - Verify that the USB cable is securely connected to both the device and the charging station.
  - If a device draws less than 0.1A, the LED display may not show the charging status, but the device may still be charging.
- **Charging stops unexpectedly:**
  - The charging station may have entered self-protection mode due to excessive total current (over 8A). Disconnect some devices and try again.
  - Check for any loose connections or damaged cables.

## 9. SPECIFICATIONS

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Feature	Specification
Brand	Kitbox
Model Number	i6
Input Voltage	100-240V AC, 50-60Hz, 0.8A
USB Output Port	5V / 2.4A (Max per port)
Total Output	5V / 8A (Max), 40W
Number of USB Ports	8
Special Features	Fast Charging, Multi-device Charging, Lightweight Design, Charge Indicator, Short-circuit Protection
Compatible Devices	Almost all USB-powered devices (smartphones, tablets, etc.)
Connector Type	USB (Type A)
Product Type	Multiport Station
Country of Origin	China



Image: Side view of the charging station displaying its input and output specifications.

## 10. COMPATIBILITY

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The Kitbox 40W 8-Port USB Charging Station is widely compatible with a broad range of USB-powered devices, including:

- Apple iPhone (e.g., iPhone 16, 15 Pro Max, 14, 13, 12, 11)
- iPad
- Most Android smartphones and tablets (e.g., Samsung)
- AirPods, wireless earphones, Bluetooth speakers
- Power banks, drones, Kindle e-readers, and other USB-powered gadgets.



Image: Diagram illustrating the wide compatibility of the charging station with different digital devices.

## 11. WARRANTY AND SUPPORT

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For any product-related questions, technical assistance, or warranty inquiries, please contact the manufacturer or your retailer. Refer to your purchase documentation for specific contact details.