

BESTEK MRJ1606

BESTEK MRJ1606 Travel Voltage Converter and Universal Adapter with USB Charging User Manual

Model: MRJ1606

1. INTRODUCTION

Thank you for purchasing the BESTEK MRJ1606 Travel Voltage Converter and Universal Adapter. This device is designed to provide a safe and convenient power solution for your electronic devices during international travel. It combines a voltage converter, universal travel adapter, power strip, and USB charger into one compact unit. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage to the device or your connected electronics. Keep this manual for future reference.

2. KEY FEATURES

- **5-in-1 Functionality:** Combines a voltage converter, universal travel adapter, power strip, USB-C PD20W charger, and USB-A QC18W charger.
- **International Compatibility:** Converts 100-240VAC to 100VAC, allowing use of Japanese (100V) appliances in most countries. Includes interchangeable plugs for US, UK, EU, and AU outlets, compatible with types A, B, BF, C, O, O2, B3, SE.
- **Pure Sine Wave Output:** Provides stable and clean power, suitable for sensitive electronics up to 150W.
- **Multiple Charging Ports:** Features one AC outlet (max 150W), one USB-C PD20W port, and one USB-A QC18W port for simultaneous charging of multiple devices.
- **Six-Point Protection System:** Includes Output Overload Protection, Output Short Circuit Protection, Abnormal Temperature Protection, Input Under-voltage Protection, Input Over-voltage Protection, and Input Short Circuit Protection.
- **Compact and Portable:** Lightweight design for easy carrying during business trips and travel.

3. SPECIFICATIONS

Parameter	Value
Model	MRJ1606
Dimensions (L x W x H)	115mm x 70mm x 45mm (approx. 4.5 x 2.7 x 1.8 inches)
Weight	Approx. 258g (0.57 lbs)
Material	PC
Input Voltage	100-240VAC, 50/60Hz
Output Voltage (AC)	100VAC
Rated AC Power	150W Max
USB-C Output	PD20W
USB-A Output	QC18W
Included Plugs	US, UK, EU, AU (compatible with A, B, BF, C, O, O2, B3, SE)
Origin	China

4. SAFETY PRECAUTIONS

- **DO NOT exceed 150W total power consumption** for all connected AC devices. High-power appliances like hair dryers, hair straighteners, or coffee makers (typically over 150W) are NOT compatible with this converter.
- This product is designed for **overseas use only**. It is not approved for use within Japan.
- Ensure the correct plug adapter is selected for the country you are visiting.
- Always connect the converter to the wall outlet before connecting your devices.
- Unplug the converter from the wall outlet when not in use.
- Keep the device away from water, moisture, and extreme temperatures.
- Do not disassemble or attempt to repair the unit. Contact customer support if issues arise.
- Keep out of reach of children.

5. SETUP

1. **Identify the correct plug:** The converter comes with various interchangeable plugs (US, UK, EU, AU) to fit different international outlets. Select the appropriate plug for your destination country.
2. **Attach the plug:** Slide the chosen plug adapter onto the main converter unit until it clicks securely into place.
3. **Connect to power:** Insert the assembled converter into a wall power outlet.
4. **Power Indicator:** The LED indicator on the unit will light up. A green light indicates normal operation for both AC and USB ports.

BESTEK



BESTEK 海外旅行用変圧器

世界のどこに行っても楽に電圧をダウントランスして、
交流AC電源と直流DC電源が取れます。



USプラグ



AUプラグ



UKプラグ



EUプラグ

Figure 1: The BESTEK MRJ1606 Travel Voltage Converter with a US plug attached, ready for use.

1台にすべてオール・イン・ワン！

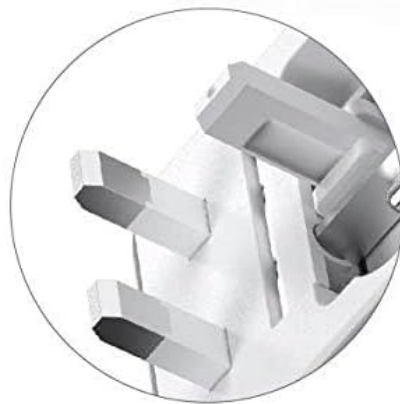
これ1つで4種類のプラグに対応でき、
世界で主に使われているコンセントに変換可能です。



USプラグ



AUプラグ



UKプラグ



EUプラグ



Figure 2: The BESTEK MRJ1606 unit displaying its interchangeable US, AU, UK, and EU plug adapters, highlighting its versatility for global travel.

6. OPERATING INSTRUCTIONS

6.1 Using the AC Outlet (Voltage Conversion)

1. Ensure the converter is properly plugged into a wall outlet and the green LED is lit.
2. Connect your 100V Japanese appliance to the AC outlet on the converter.
3. Verify that the total power consumption of your connected AC device(s) does not exceed 150W.
4. Turn on your appliance.

Important Note:

- This converter is designed for low-power electronics. Do not use with appliances rated over 150W, such as most hair dryers, curling irons, or electric kettles. Using high-power devices will trigger the protection mechanism and may damage the converter or the appliance.
- The output is 100VAC. This is suitable for devices designed for 100V input, commonly found in Japan.

低消費電力200W以下の電子製品と交換性がある

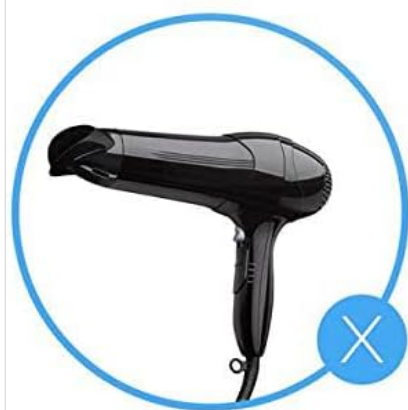


Figure 3: The BESTEK MRJ1606 is compatible with various low-power electronic devices like cameras, tablets, and smartphones, but not with high-wattage appliances such as hair dryers or coffee makers.

6.2 Using the USB Charging Ports

The converter features one USB-C PD20W port and one USB-A QC18W port for charging your mobile devices.

1. Ensure the converter is properly plugged into a wall outlet and the green LED is lit.
2. Connect your smartphone, tablet, or other USB-powered device to the appropriate USB-C or USB-A port using a compatible USB cable.
3. For Apple devices (iPhone/iPad/iPod), use the original charging cable provided with your device for optimal

performance.

4. Charging will begin automatically.

3台端末を同時に充電可能

ACコンセント1口と2つのUSBポートを搭載して、
複数なので、宿泊先でのコンセント不足を解消！



Figure 4: The BESTEK MRJ1606 simultaneously charging a laptop via its AC outlet, a tablet via USB-C, and a smartphone via USB-A, demonstrating its multi-device charging capability.

6.3 LED Indicator Status

- **Green Light:** AC outlet and USB ports are operating normally.

- **Red Light:** The AC outlet has entered protection mode due to overload, overheating, or a short circuit.
- **Light Off:** The unit is powered off, or the USB ports have entered protection mode due to overload or a loose connection.

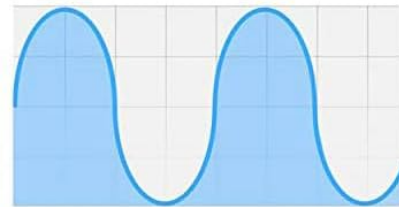
7. MAINTENANCE

- **Cleaning:** Disconnect the converter from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the converter in a cool, dry place away from direct sunlight and moisture when not in use.
- **Dust Prevention:** The AC outlet features a shutter mechanism to prevent dust ingress and electric shock. Ensure it is clean and free of debris.

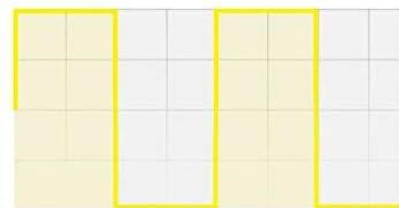
正弦波出力

従来品に比べて高い交換効率

BESTEK VS. 従来品



BESTEK 従来品



92%
交換効率

シャッター付き

ホコリ防止 感電防止

Figure 5: The BESTEK MRJ1606 features pure sine wave output for stable power and a protective shutter on the AC outlet to prevent dust and electric shock.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/LED off	Converter not plugged in correctly; Wall outlet has no power; Loose connection.	Ensure the converter is securely plugged into a live wall outlet. Check the wall outlet with another device. Re-attach the plug adapter firmly.

Red LED light is on	AC outlet overload; Overheating; Short circuit.	Unplug all devices immediately. Reduce the total load to below 150W. Allow the unit to cool down if it feels hot. Check devices for short circuits. Reconnect after a few minutes.
USB ports not charging/LED off	USB port overload; Loose USB cable connection; Faulty USB cable/device.	Ensure USB cables are securely connected. Try a different USB cable or device. Reduce the number of devices charging simultaneously.
Device not working with AC outlet	Device power consumption exceeds 150W; Device requires a different voltage than 100V.	Check your device's power rating. This converter is only for devices up to 150W and converts to 100V. It is not a universal voltage adapter for all devices.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This BESTEK product comes with a **one-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or use with incompatible devices (e.g., exceeding 150W power limit).

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact BESTEK customer support through the retailer where you purchased the product or visit the official BESTEK website for contact information.

10. PORTABILITY

The BESTEK MRJ1606 is designed to be compact and lightweight, making it an ideal travel companion. Its small size allows it to fit easily into luggage, backpacks, or even small bags, ensuring you have reliable power wherever your travels take you.



Figure 6: The BESTEK MRJ1606 easily fits into a bag, emphasizing its compact and portable design for travelers.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question