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PKPOWER AC Adapter Charger

PK Power AC Adapter Charger User Manual

Model: PK Power AC Adapter for Mettler Toledo Model 8433

Introduction

This manual provides essential information for the safe and effective use of your PK Power AC Adapter Charger. Please read this manual thoroughly before using the product and retain it for future reference. This adapter is designed to provide reliable power supply for compatible devices, specifically the Mettler Toledo Model 8433 Counter Scale.

Safety Information

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not expose the adapter to water, moisture, or high humidity.
- Do not disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Ensure the power outlet voltage matches the adapter's input voltage (100-240V).
- Avoid placing the adapter in direct sunlight or near heat sources.
- Do not use the adapter if the cable is damaged or frayed.
- Always unplug the adapter from the power outlet before cleaning or if it will not be used for an extended period.
- This adapter is designed for indoor use only.

Product Overview

The PK Power AC Adapter Charger is a compact and efficient power supply unit. It features a standard two-prong plug for wall outlets and a barrel connector for connecting to your device.



Figure 1: PK Power AC Adapter with its integrated power cord.

Key components include the main adapter body, the integrated AC plug, and the DC output cable with a barrel connector.

Setup

1. **Verify Compatibility:** Ensure your device, such as the Mettler Toledo Model 8433 Counter Scale, requires the specific voltage and current output provided by this adapter. Refer to your device's specifications.
2. **Connect to Device:** Insert the barrel connector of the AC adapter's output cable firmly into the power input port of your compatible device.

3. **Connect to Power Outlet:** Plug the AC adapter's two-prong plug into a standard wall power outlet (100-240V AC, 50/60Hz).
4. **Power On Device:** Once connected, your device should receive power. Turn on your device if it has a power switch.

Always ensure a secure connection at both ends to prevent intermittent power supply.

Operating

The PK Power AC Adapter operates automatically once connected to a power source and a compatible device. It converts the AC wall voltage to the DC voltage required by your device.

- The adapter is designed for continuous operation within its specified limits.
- It features built-in protections including Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard both the adapter and your connected device.
- If the adapter feels excessively hot to the touch, disconnect it immediately and check for proper ventilation or potential issues with the connected device.

Maintenance

Proper maintenance ensures the longevity and reliable performance of your AC adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Cable Care:** Do not bend, twist, or pinch the power cable excessively. Avoid placing heavy objects on the cable.

Troubleshooting

Problem	Possible Cause	Solution
Device not powering on.	Adapter not plugged in; faulty outlet; loose connection; incompatible device; adapter failure.	Ensure adapter is fully plugged into a working outlet. Check all connections. Verify device compatibility. Try a different outlet. If issues persist, the adapter may be faulty.
Adapter feels hot.	Overload; poor ventilation; internal fault.	Disconnect immediately. Ensure adequate ventilation around the adapter. Verify the connected device is not drawing excessive power. If it continues to overheat, discontinue use.
Intermittent power.	Loose connection; damaged cable.	Check all connections for tightness. Inspect the cable for any visible damage. Replace if cable is damaged.

Specifications

The following are the technical specifications for the PK Power AC Adapter Charger:



Figure 2: Approximate dimensions of the PK Power AC Adapter.

- **Input:** 100-240V AC, 50-60Hz
- **Compatibility:** Designed for Mettler Toledo Model 8433 Counter Scale Power Supply PSU.
- **Protections:** OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
- **Certifications:** CE, FCC, RoHS certified
- **Connector Type:** Barrel Connector
- **Power Source:** Corded Electric
- **Wattage:** 120 watts
- **Mounting Type:** Wall Mount

Warranty and Support

PK Power products are manufactured to high quality standards. While specific warranty details are not provided in this manual, please refer to the product packaging or the seller's website for warranty information.
For technical support or inquiries, please contact PK Power customer service. Our friendly and reliable customer service will respond to you within 24 hours.
Note: Always provide your product model number and purchase details when contacting support.

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