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SupplySource PSS/0819/064

SupplySource AC-AC Adapter PS1505ACU Instruction Manual

Model: PSS/0819/064

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your SupplySource AC Input AC Output 15VAC/500mA Adapter, designed for the PS1505ACU non-regulated single-voltage power supply cord. This adapter converts standard AC wall power to 15VAC output, suitable for compatible devices.



Figure 1: SupplySource AC-AC Adapter. This image shows the compact black adapter unit with its attached power cords, including the standard US two-prong wall plug and the barrel connector output.

Package Contents:

- 1 x SupplySource AC-AC Adapter (Model: PSS/0819/064)

2. SAFETY INFORMATION AND IMPORTANT NOTICES

To ensure safe operation and prevent damage, please read and adhere to the following safety guidelines:

- **Compatibility Check:** Before connecting, verify that the DC output voltage and tip size of this adapter are compatible with your device. Incompatible connections can cause damage.
- **Ventilation:** When in use for extended periods, ensure the adapter is placed in a well-ventilated area with adequate humidity. Avoid covering the adapter or placing it on heat-sensitive surfaces.
- **Environmental Conditions:** Do not expose the adapter to moisture, extreme temperatures, or direct sunlight.
- **Internal Protection:** This adapter is equipped with multiple safety features, including protection against incorrect voltage (IV), short circuits (SC), and internal overheating (IO).
- **Damage Prevention:** Do not attempt to open, modify, or repair the adapter. Refer all servicing to qualified personnel.
- **Cord Care:** Avoid bending, twisting, or pinching the power cord. Do not place heavy objects on the cord.

BUILT IN WITH SAFETY ELECTRONICS



Over Charge Protection



Over Voltage Protection



Short-circuit Protection



Over Current Protection



Over Temp Protection



24 Months Warranty



Figure 2: Built-in Safety Electronics. This image highlights the various safety protections integrated into the adapter, including Over Charge, Over Voltage, Short-circuit, Over Current, and Over Temp Protection, along with a 24-month warranty icon.

3. SETUP INSTRUCTIONS

1. **Verify Compatibility:** Before connecting, confirm that your device requires a 15VAC/500mA power input and has a compatible barrel connector. Refer to your device's manual for power requirements.
2. **Connect to Device:** Insert the barrel connector of the adapter firmly into the power input port of your PS1505ACU or other compatible device.
3. **Connect to Power Outlet:** Plug the AC input cord of the adapter into a standard 100-240V AC wall outlet.
4. **Power On:** Once connected, your device should receive power.

4. OPERATING INSTRUCTIONS

The SupplySource AC-AC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 15VAC output.

- Ensure the adapter is always connected to a properly functioning power outlet.
- Disconnect the adapter from the power outlet when not in use for extended periods.

- Avoid overloading the adapter by connecting it to devices that exceed its 15VAC/500mA output rating.

5. MAINTENANCE

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

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use. Avoid tightly wrapping the cords to prevent damage.
- **Inspection:** Periodically inspect the adapter and its cords for any signs of damage, such as frayed wires, cracks, or loose connections. If damage is observed, discontinue use immediately.

6. TROUBLESHOOTING

If you encounter issues with your adapter, refer to the following common troubleshooting steps:

- **No Power to Device:**
 - Ensure the adapter is securely plugged into a working wall outlet.
 - Verify that the barrel connector is fully inserted into your device's power input.
 - Check if the wall outlet is functional by plugging in another device.
 - Confirm that your device's power requirements match the adapter's output (15VAC/500mA).
- **Adapter is Hot:**
 - It is normal for adapters to become warm during operation. However, if it feels excessively hot, disconnect it immediately.
 - Ensure the adapter is in a well-ventilated area and not covered.
 - Verify that the connected device does not exceed the adapter's maximum output capacity.
- **Device Malfunction:**
 - If your device is not functioning correctly, first rule out the adapter by testing it with another compatible power source if available.
 - Ensure the adapter's output specifications (voltage, amperage, AC/DC type) precisely match your device's requirements.

If problems persist after following these steps, contact customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	PSS/0819/064
Input Voltage	100-240V AC
Output Voltage	15VAC

Output Amperage	0.5 Amps (500mA)
Wattage	15 Watts
Connector Type	Barrel Connector
Color	Black
Special Features	Short Circuit Protection, Over Voltage Protection, Over Current Protection, Over Temperature Protection
Included Components	1 AC Adapter

8. WARRANTY AND SUPPORT

This SupplySource AC-AC Adapter comes with a **24-month warranty** from the date of purchase, covering manufacturing defects.

Warranty Exclusions:

- Damage caused by misuse, abuse, accident, or neglect.
- Damage resulting from unauthorized modification or repair.
- Damage due to improper installation or connection to incompatible devices.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your product, please contact SupplySource customer service through your original point of purchase or visit the official SupplySource website for contact information.