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› [EPtech](#) /

› EPtech 90W AC Adapter User Manual for Vaio PCG-7A1L and Compatible Laptops

## EPtech A1805091253

# EPtech 90W AC Adapter User Manual

For Vaio PCG-7A1L, PCG-7A2L, PCG-7K1L, PCG-7R2L, PCG-7G2L, PCG-7Z2L, PCG-7Y2L Laptops

## INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your EPtech 90W AC Adapter. This power supply is designed to provide reliable power to compatible Vaio laptops, ensuring efficient charging and operation. Please read this manual thoroughly before using the product.



Image: The EPtech 90W AC Adapter, showing the main power brick, the detachable AC power cord, and the DC output cable with the laptop connector.

## SAFETY INFORMATION

Your EPtech AC Adapter is manufactured with multiple safety features to protect your devices and ensure safe operation. Adhere to the following guidelines:

- **Indoor Use Only:** This adapter is designed for indoor use. Avoid exposure to moisture or extreme temperatures.
- **Grounded Outlet:** Connect only to a grounded outlet.
- **Over Current Protection:** Prevents damage from excessive current flow.
- **Total Power Protection:** Safeguards against overall power irregularities.
- **Over Voltage Protection:** Protects devices from voltage spikes.
- **Short Circuit Protection:** Automatically shuts down in case of a short circuit.
- **Over-Temperature Protection:** Monitors and regulates internal temperature to prevent overheating.

## Durable & Compact Design



Image: A visual representation of the adapter's safety features, including protection against over-temperature, over-voltage, over-current, and short circuits.

## SETUP INSTRUCTIONS

Follow these steps to properly set up your AC adapter:

1. **Connect DC Output Cable:** Take the DC output cable (the one with the small round connector) and plug it firmly into the power input port on your Vaio laptop.
2. **Connect AC Power Cord:** Insert the figure-8 connector of the AC power cord into the corresponding port on the AC adapter brick.
3. **Plug into Wall Outlet:** Plug the two-prong end of the AC power cord into a standard, grounded electrical wall outlet.
4. **Verify Connection:** A blue LED indicator light on the adapter will illuminate, confirming that the adapter is receiving power and is ready to charge your laptop.



Image: The EPtech AC adapter with its DC output cable, ready to be connected to a laptop.



Image: A diagram illustrating the adapter's components, including the anti-interference ring on the DC cable, the LED indicator light, and the approximate lengths of the DC (4ft) and AC (6ft) cables, totaling 10ft.

## OPERATING INSTRUCTIONS

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Once connected, the adapter will automatically begin supplying power to your laptop and charging its battery. The blue LED light on the adapter indicates active power supply. The adapter supports a wide input voltage range (100-240VAC, 50/60Hz), making it suitable for international use with appropriate plug adapters (not included).



Image: A close-up view of the EPtech AC adapter, highlighting the blue LED light which indicates that the unit is powered on and functioning.

## MAINTENANCE

To ensure the longevity and optimal performance of your EPtech AC Adapter, observe the following maintenance guidelines:

- **Keep Clean and Dry:** Regularly wipe the adapter with a dry, soft cloth. Avoid liquids. Ensure the adapter is kept in a dry environment, away from spills or high humidity.
- **Cable Care:** Do not bend, twist, or pull the cables excessively. Avoid placing heavy objects on the cables, which can cause internal damage. When storing, coil the cables loosely.
- **Temperature Control:** Operate and store the adapter within recommended temperature ranges. Avoid direct sunlight or placement near heat sources.
- **Ventilation:** Ensure the adapter has adequate ventilation during use. Do not cover it with cloths or place it in enclosed spaces that could restrict airflow.

## High Quality Power Cable Design



Image: An illustration detailing the internal structure of the power cable, highlighting its high-quality copper wire and PVC insulation jacket for durability and safety.

## TROUBLESHOOTING

If you encounter issues with your AC adapter, refer to the following common problems and solutions:

- **Adapter Not Powering On (LED Off):**

- Ensure the AC power cord is securely plugged into both the adapter and the wall outlet.
- Test the wall outlet with another device to confirm it is functional.
- Check for any visible damage to the cables or adapter.

- **Laptop Not Charging:**

- Verify that the DC output connector is fully inserted into your laptop's power port.
- Confirm the adapter's blue LED is illuminated, indicating it is receiving power.
- Ensure the adapter is compatible with your specific laptop model (refer to specifications).
- If possible, test with another compatible adapter or laptop to isolate the issue.

- **Adapter Overheating:**

- Ensure the adapter is in a well-ventilated area and not covered.
- Disconnect the adapter and allow it to cool down. If overheating persists, discontinue use and contact support.

## SPECIFICATIONS

Feature	Detail
Brand	EPtech
Model Number	A1805091253
Wattage	90 watts
Input Voltage	100-240VAC, 50/60Hz
Connector Type	Proprietary (compatible with specified Vaio models)
Compatible Devices	Vaio PCG-7A1L, PCG-7A2L, PCG-7K1L, PCG-7R2L, PCG-7G2L, PCG-7Z2L, PCG-7Y2L Laptops
Cable Length	Total 10 Ft (approx. 4ft DC, 6ft AC)
Safety Certifications	FCC, CE, RoHS
Item Weight	8 ounces
Package Dimensions	6 x 4 x 2 inches

## Safety Design with Multiple Protections

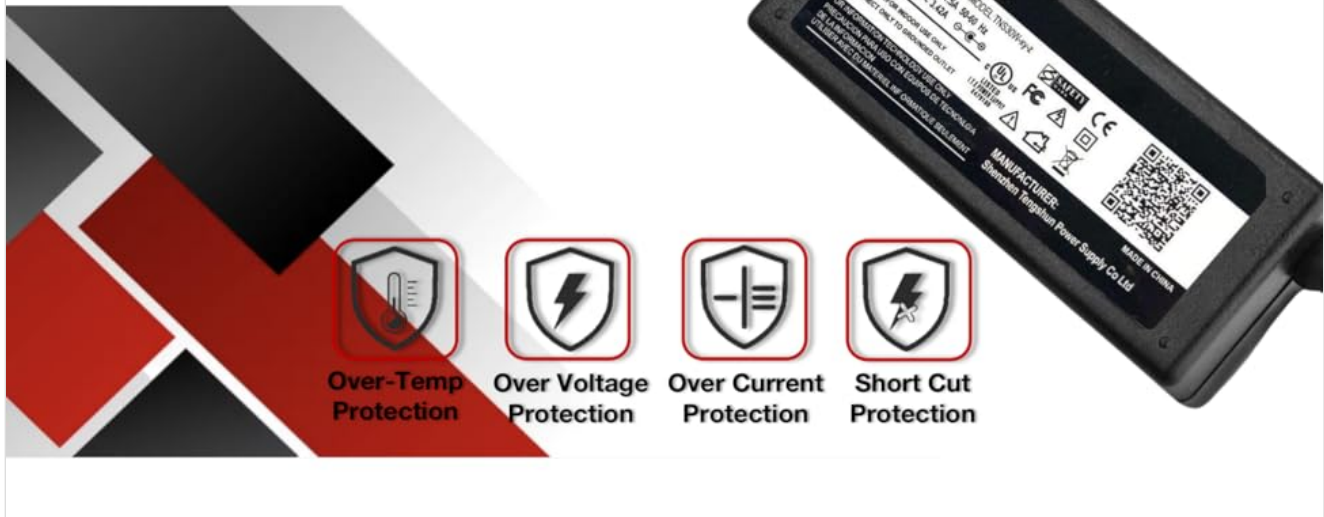


Image: A visual representation emphasizing the durable construction and compact design of the adapter, suitable for various environments.

## WARRANTY AND SUPPORT

EPtech provides a replacement AC Adapter/Charger that is 100% compatible with the device models listed. For any questions, concerns, or technical support regarding your EPtech 90W AC Adapter, please contact our customer service team.

**Email:** [epcustomerservice@yahoo.com](mailto:epcustomerservice@yahoo.com)