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> User Manual: 19V 65W AC Power Adapter Charger Replacement for Gateway Laptops

SupplySource 19V 65W AC Power Adapter Replacement

User Manual: 19V 65W AC Power Adapter Charger

Model: Replacement for Gateway E-155C, E-265M, E-295, E-295C, E-475M

Brand: SupplySource

1. PRODUCT OVERVIEW

This SupplySource 19V 65W AC Power Adapter is designed as a high-quality replacement charger for various Gateway laptop models. It provides reliable power to ensure optimal performance of your device.



Figure 1.1: The SupplySource 19V 65W AC Power Adapter, showing the main adapter unit and the detachable power cord with a standard US plug.

2. SAFETY INFORMATION AND IMPORTANT NOTICES

To ensure safe operation and longevity of your power adapter, please observe the following:

- **Compatibility Check:** Before connecting, verify that the DC output voltage and tip size of this AC adapter match the requirements of your device. Incompatible adapters 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 soft surfaces that may obstruct airflow.
- **Surface Placement:** Do not place the adapter directly on skin or other sensitive surfaces during operation, as it may generate heat.
- **Built-in Protections:** This adapter is manufactured with high-quality materials and includes multiple smart features for safeguarding against incorrect voltage (IV), short circuits (SC), and internal overheating (IO). It is certified with CE, FCC, and other relevant standards.

3. PRODUCT FEATURES

- **Input Voltage Range:** 100-240V AC, suitable for international use.
- **Input Frequency:** 50-60Hz.
- **Output Power:** 19V 65W.

- **Safety Certifications:** CE, FCC compliant.
- **Advanced Protection:** Features stable output voltage, automatic overload cut-off, over-voltage cut-off, automatic thermal cut-off, and short circuit protection.
- **Durable Construction:** The power cord is made of high-quality 3x0.5 mm copper core, providing antioxidant and corrosion-resistant properties. The power supply's shell is constructed from flame-retardant and high-temperature resistant ABS and PC synthetic materials, ensuring strength and wear resistance.



Figure 3.1: Detailed view illustrating the internal protection mechanisms and the robust material composition of the power adapter, including the copper core power cord and flame-retardant casing.

4. SETUP AND CONNECTION

1. **Verify Compatibility:** Before connecting, ensure the adapter's output voltage (19V) and tip size are compatible with your Gateway laptop model (E-155C, E-265M, E-295, E-295C, E-475M).
2. **Connect Power Cord:** Insert the detachable AC power cord firmly into the adapter's input port.
3. **Connect to Wall Outlet:** Plug the other end of the AC power cord into a standard 100-240V wall outlet.
4. **Connect to Laptop:** Insert the DC output plug of the adapter into the power input port of your Gateway laptop.

5. **Power Indicator:** Some adapters or laptops may have an LED indicator that illuminates when power is successfully supplied.



Figure 4.1: The power adapter in a typical usage scenario, connected to a laptop on a desk, demonstrating its compact size and ease of integration into a workspace.

5. OPERATING INSTRUCTIONS

Once connected, the adapter will automatically begin supplying power to your laptop. It can be used for both charging the laptop's battery and powering the laptop directly without a battery.

- Ensure all connections are secure before use.
- Avoid bending or crimping the power cords excessively.
- Unplug the adapter from the wall outlet when not in use for extended periods.

6. MAINTENANCE AND CARE

Proper maintenance can extend the life of your power adapter:

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Cable Management:** Avoid tightly winding the cables, which can cause internal wire damage over time. Use the provided cable ties if available.
- **Physical Damage:** Do not drop, disassemble, or attempt to repair the adapter yourself. This can void any potential warranty and poses a safety risk.

7. TROUBLESHOOTING

If you encounter issues with your power adapter, consider the following:

- **No Power to Laptop:**
 - Ensure the AC power cord is securely plugged into both the adapter and the wall outlet.
 - Verify the DC output plug is fully inserted into your laptop's power port.
 - Test the wall outlet with another device to confirm it is functional.
 - Check for any visible damage to the adapter or cables.
- **Adapter Overheating:**
 - Ensure the adapter is in a well-ventilated area and not covered.
 - Reduce the load on the laptop if possible (e.g., close demanding applications).
 - If overheating persists, discontinue use and contact support.
- **Intermittent Power:**
 - Check for loose connections at both the wall outlet and the laptop.
 - Inspect the cables for fraying or damage.

If troubleshooting steps do not resolve the issue, please contact customer support.

8. SPECIFICATIONS

Attribute	Value
Brand	SupplySource
Input Voltage	100-240V AC
Input Frequency	50-60Hz
Output Voltage	19V DC
Output Power	65W
Product Dimensions	6 x 4 x 1 inches
Item Weight	11 ounces
Color	Black

Material	Metal, Plastic (ABS, PC synthetic)
ASIN	B0B23WCVSV
Date First Available	May 24, 2022

9. COMPATIBLE MODELS

This power adapter is a replacement for the following Gateway laptop models:

- Gateway E-155C
- Gateway E-265M
- Gateway E-295
- Gateway E-295C
- Gateway E-475M

10. CUSTOMER SUPPORT

If you have any further questions, concerns, or require assistance beyond the scope of this manual, please do not hesitate to contact SupplySource customer support. We are committed to providing excellent service and will be more than happy to assist you.

Please refer to your purchase documentation or the seller's information for specific contact details.