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Galaxy Bang SK90190342

Galaxy Bang AC Adapter Charger User Manual

For Acer TravelMate P2 TMP215-52-7299, TMP214-52-54TE

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Galaxy Bang AC Adapter Charger. This adapter is designed to provide reliable power to compatible Acer TravelMate P2 series laptops, specifically models TMP215-52-7299 and TMP214-52-54TE.

The charger is engineered with high-quality materials and incorporates multiple safeguard features to protect your laptop against incorrect voltage, short circuits, and internal overheating. It delivers an output of 19V-3.42A (65W) and is also compatible with devices requiring 19V 2.37A (45W). The worldwide input voltage range is 100-240VAC/50-60Hz, ensuring versatility across different regions.

2. SETUP INSTRUCTIONS

Follow these steps to properly set up your AC adapter charger:

- 1. Connect the Power Cord:** Take the AC power cord (the cable with the wall plug) and connect its female end firmly into the input port of the AC adapter unit.
- 2. Connect to Power Outlet:** Plug the male end of the AC power cord into a standard wall power outlet. Ensure the outlet is functioning correctly.
- 3. Connect to Laptop:** Insert the DC output plug (the smaller connector) from the AC adapter into the charging port of your Acer TravelMate P2 laptop.
- 4. Verify Connection:** Confirm that the adapter is securely connected to both the power outlet and your laptop. Your laptop should indicate that it is receiving power or charging.



Figure 2.1: The Galaxy Bang AC Adapter Charger with its integrated DC output cable and the detachable AC power cord connected.



Figure 2.2: The detachable AC power cord, which connects the adapter to the wall outlet. This cord measures

approximately 47 inches (1.2 meters) in length.

3. OPERATING GUIDELINES

To ensure optimal performance and longevity of your AC adapter, observe the following guidelines:

- **Voltage Compatibility:** The adapter automatically adjusts to input voltages between 100-240VAC. No manual adjustment is required.
- **Environmental Conditions:** Operate the adapter in a well-ventilated area. Avoid exposing it to direct sunlight, high humidity, or extreme temperatures.
- **Safety Features:** The adapter is equipped with multiple safety protections including Over Voltage Protection, Short Circuit Protection, Over Current Protection, and Over-Temperature Protection to safeguard your device.
- **Unplug When Not in Use:** For extended periods of non-use, disconnect the adapter from both the power outlet and the laptop.



Figure 3.1: Visual representation of the multi-safe protection features integrated into the adapter, including safeguards against short circuit, over current, over voltage, and over-temperature.

Using smart chips, better temperature control, good heat dissipation, low energy loss, and current control.

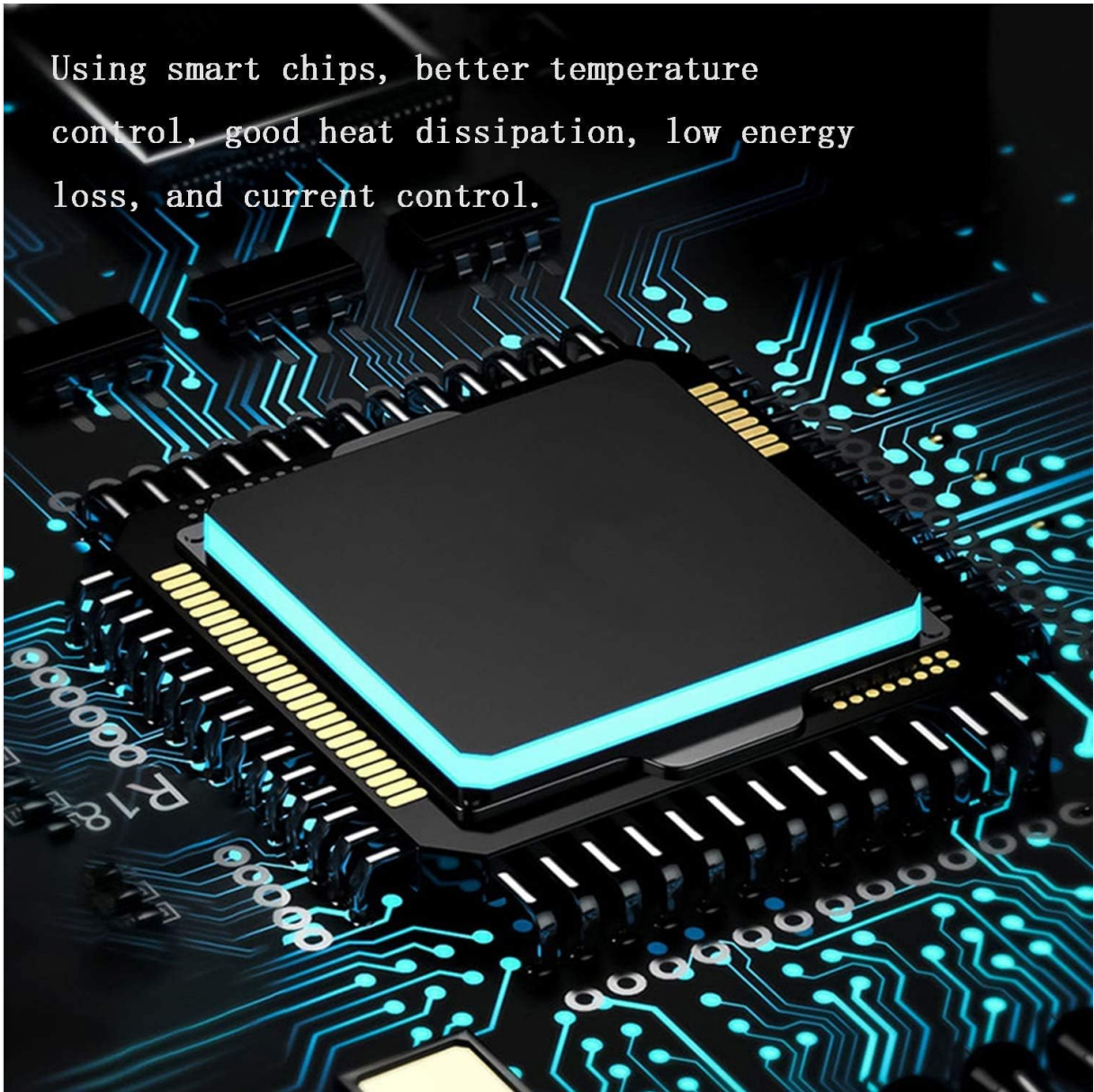


Figure 3.2: An illustration highlighting the smart chip technology within the adapter, which contributes to better temperature control, efficient heat dissipation, and precise current regulation.

4. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and safe operation of your AC adapter:

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Do not use liquid cleaners or solvents. Ensure the adapter is unplugged before cleaning.
- **Cable Care:** Avoid sharp bends, kinks, or excessive pulling on the cables. Do not place heavy objects on the cables. The DC output cable measures approximately 59 inches (1.5 meters) in length.
- **Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight and moisture.
- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires or cracked casing. Discontinue use if damage is observed.

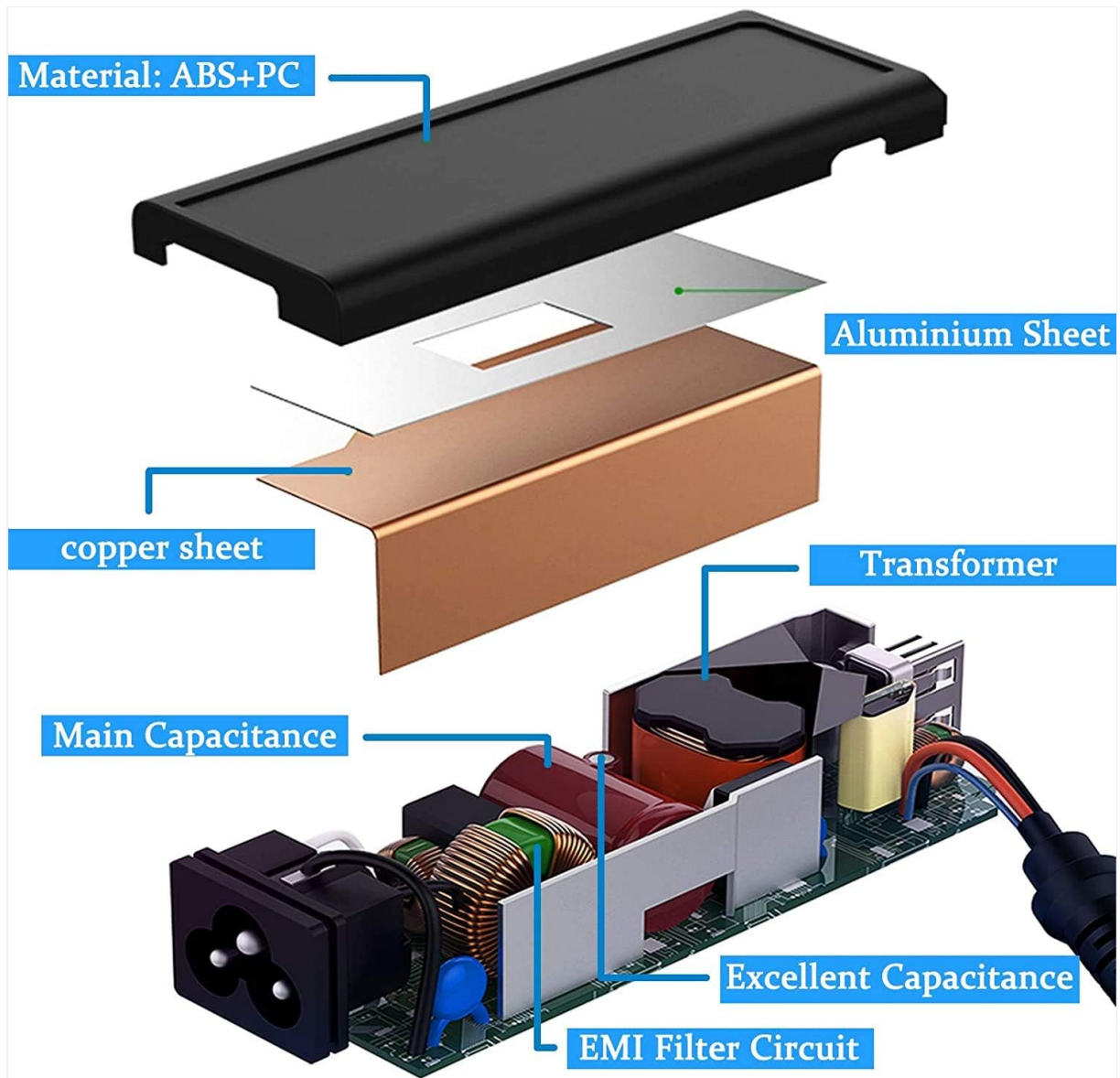


Figure 4.1: An exploded view showing the internal components of the AC adapter, including the ABS+PC casing, aluminum sheet, copper sheet, transformer, main capacitance, and EMI filter circuit, all contributing to its robust construction.

Tinned Copper Core Wire

Multiple Shielding & Efficient Transmission

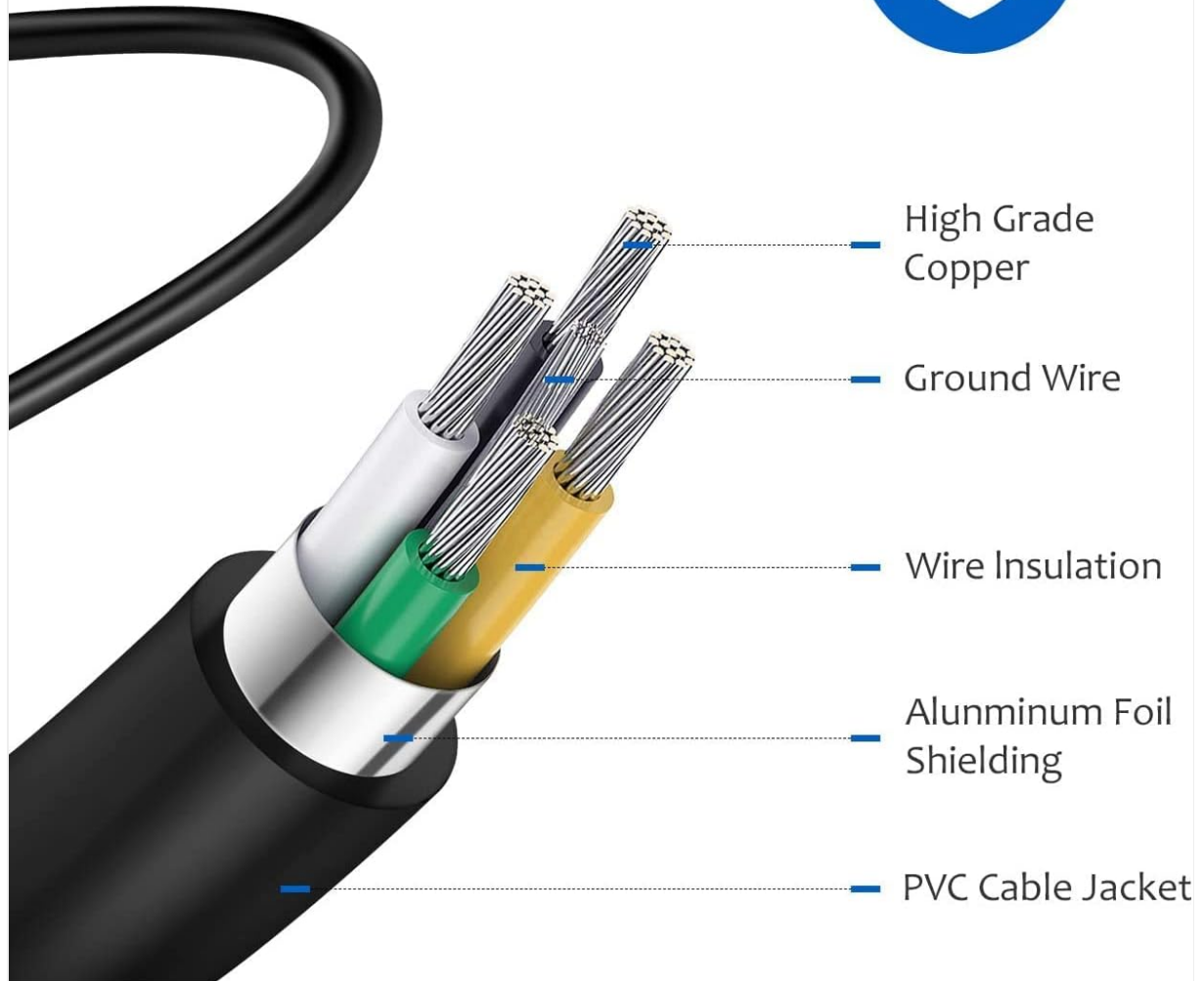


Figure 4.2: A diagram illustrating the internal structure of the tinned copper core wire used in the adapter's cables, highlighting multiple shielding layers for efficient and reliable power transmission.

5. TROUBLESHOOTING

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

- **Laptop Not Charging:**
 - Ensure all cable connections are secure at both the wall outlet, the adapter unit, and the laptop's charging port.
 - Test the wall outlet with another device to confirm it is supplying power.
 - Check the adapter's DC output plug for any bent or broken pins.
- **Adapter Overheating:**

- Ensure the adapter is in a well-ventilated area and not covered by objects that could trap heat.
 - If the adapter becomes excessively hot to the touch, disconnect it immediately and allow it to cool. If overheating persists, discontinue use.
- **No Power Indicator Light (if applicable):**
 - Verify the power cord is fully inserted into the adapter and the wall outlet.
 - Check for power at the wall outlet.
- **Loose Connection at Laptop Port:**
 - Ensure the DC plug is fully inserted into the laptop's charging port.
 - If the connection remains loose, the laptop's charging port may be damaged, or the adapter plug may be worn.

6. SPECIFICATIONS

Feature	Specification
Brand	Galaxy Bang
Model Number	SK90190342
Input Voltage	100-240VAC, 50-60Hz
Output Voltage	19V
Output Current	3.42A
Wattage	65W (also compatible with 45W)
Safety Certifications	CE, FCC, RoHS
Protection Features	Over Voltage Protection, Short Circuit Protection, Over Current Protection, Over-Temperature Protection
AC Power Cord Length	Approx. 47 inches (1.2 meters)
DC Output Cable Length	Approx. 59 inches (1.5 meters)
Manufacturer	Dong Guan Simer Electronics Co LTD

Charge Anywhere, Anytime!



Figure 6.1: An overview of the product's features, including cable lengths (59 inches for DC output, 47 inches for AC power cord), warranty details, and customer service availability.

7. WARRANTY AND SUPPORT

Your Galaxy Bang AC Adapter Charger comes with the following assurances:

- **Warranty:** A 1-year worry-free warranty covers manufacturing defects and performance issues under normal use.
- **Return Policy:** Enjoy a 30-day return period for any reason, ensuring your satisfaction.
- **Customer Support:** 24x7 customer service is available to assist you with any questions or concerns regarding your product.

For support, please refer to the contact information provided with your purchase or visit the Galaxy Bang official website.