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› Galaxy Bang AC Adapter Charger Instruction Manual for Acer Aspire Laptops (Models ES1-512-C96S, ES1-512-C9Y5, R3-471T-59UL, R3-471T-77W5, TMP256-M-36PD, V3-572-53RA)

Galaxy Bang SK90190342

Galaxy Bang AC Adapter Charger Instruction Manual

Model: SK90190342

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Galaxy Bang AC Adapter Charger, model SK90190342. This adapter is designed as a compatible replacement power supply for various Acer Aspire laptop models, including ES1-512-C96S, ES1-512-C9Y5, R3-471T-59UL, R3-471T-77W5, TMP256-M-36PD, and V3-572-53RA. Please read this manual thoroughly before use.



Image 1.1: The Galaxy Bang AC Adapter Charger and included power cord.

2. SAFETY INFORMATION

To prevent electric shock, fire, or damage to your device, observe the following safety precautions:

- Use the adapter only with compatible devices as specified.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to disassemble or repair the adapter. Refer to qualified service personnel.
- Ensure the power outlet is easily accessible and properly grounded.
- Unplug the adapter during lightning storms or when unused for extended periods.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1x Galaxy Bang AC Adapter
- 1x Power Cord

4. SETUP

Before connecting the adapter, ensure compatibility with your laptop.

4.1 Confirm Tip Size

The adapter features a 5.5mm * 1.7mm barrel connector. Confirm that your laptop's power jack matches this size. Incompatible tip sizes can damage your laptop or the adapter.



Image 4.1: Visual guide for confirming the correct tip size (5.5mm * 1.7mm) for your laptop's power input jack.

4.2 Check Charger Information

Verify that your laptop's required voltage and current (typically found on the laptop's bottom label or original charger) are compatible with this adapter's output specifications. This adapter provides 19V 3.42A (65W) and is also compatible with devices requiring 19V 2.15A (40W).

Check the charger information



1. Check the bottom information of the laptop. **model / voltage / current**

VOLTS	AMPS	WATTS	COMPATIBLE
19V	3.42V	65W	✓ YES
19V	2.37V	45W	✓ YES
19V	2.1V	40W	✓ YES

2. Check the information of the original adapter. **part number / voltage / current**

OUTPUT(輸出): 19V == 3.42A ✓ YES

or

OUTPUT(輸出): 19V == 2.37A ✓ YES

or

OUTPUT(輸出): 19V == 2.1A ✓ YES



Image 4.2: Instructions for checking laptop and original adapter specifications for compatibility.

4.3 Connecting the Adapter

1. Connect the power cord to the AC adapter.
2. Plug the power cord into a standard wall outlet.
3. Insert the barrel connector of the AC adapter into your laptop's power input jack.

5. OPERATING INSTRUCTIONS

Once connected, the adapter will begin charging your laptop. The charging status is typically indicated by an LED on your laptop or within its operating system.

- Ensure all connections are secure during operation.
- Avoid placing the adapter in enclosed spaces where heat can build up.
- Disconnect the adapter by first unplugging the barrel connector from the laptop, then the power cord from the wall outlet.

6. MAINTENANCE

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

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the adapter. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place. Avoid tightly winding the cables to prevent damage.
- **Cable Care:** Handle the power cord and connector gently. Avoid bending the cable sharply, especially near the connector, as this can lead to internal wire damage and intermittent connection issues.

7. TROUBLESHOOTING

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

- **Laptop Not Charging:**
 - Ensure all connections are firmly seated at both the wall outlet and the laptop.
 - Verify that the wall outlet is functional by testing it with another device.
 - Confirm that the adapter's tip size and electrical specifications (voltage, current) are correct for your laptop (refer to Section 4).
 - Inspect the power cord and adapter for any visible damage. If damaged, discontinue use and replace.
- **Intermittent Charging:**
 - This can often be caused by a loose connection. Ensure the barrel connector is fully inserted into the laptop's power jack.
 - Check for damage or wear on the connector tip or the laptop's power jack. Excessive bending of the cable near the connector can lead to this issue.
- **Adapter Overheating:**
 - Ensure the adapter is in a well-ventilated area and not covered by objects that could trap heat.
 - If overheating persists, discontinue use and contact support.

8. SPECIFICATIONS

Model Number	SK90190342
Input Voltage	100-240VAC, 50/60Hz
Output Voltage/Current	19V 3.42A (65W)
Compatible Output	Also compatible with 19V 2.15A (40W)
Connector Type	Barrel connector (5.5mm x 1.7mm)
Product Dimensions	5 x 3 x 2 inches
Item Weight	10.4 ounces
Safety Certifications	CE/FCC/RoHS certified

8.1 Internal Construction

The adapter is manufactured with high-quality materials, including a tinned copper core wire for efficient

transmission and multiple shielding layers. It incorporates a smart chip for temperature, heat dissipation, and current control, along with multi-safe protection features.

- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- Over-Temp Protection

Tinned Copper Core Wire

Multiple Shielding & Efficient Transmission

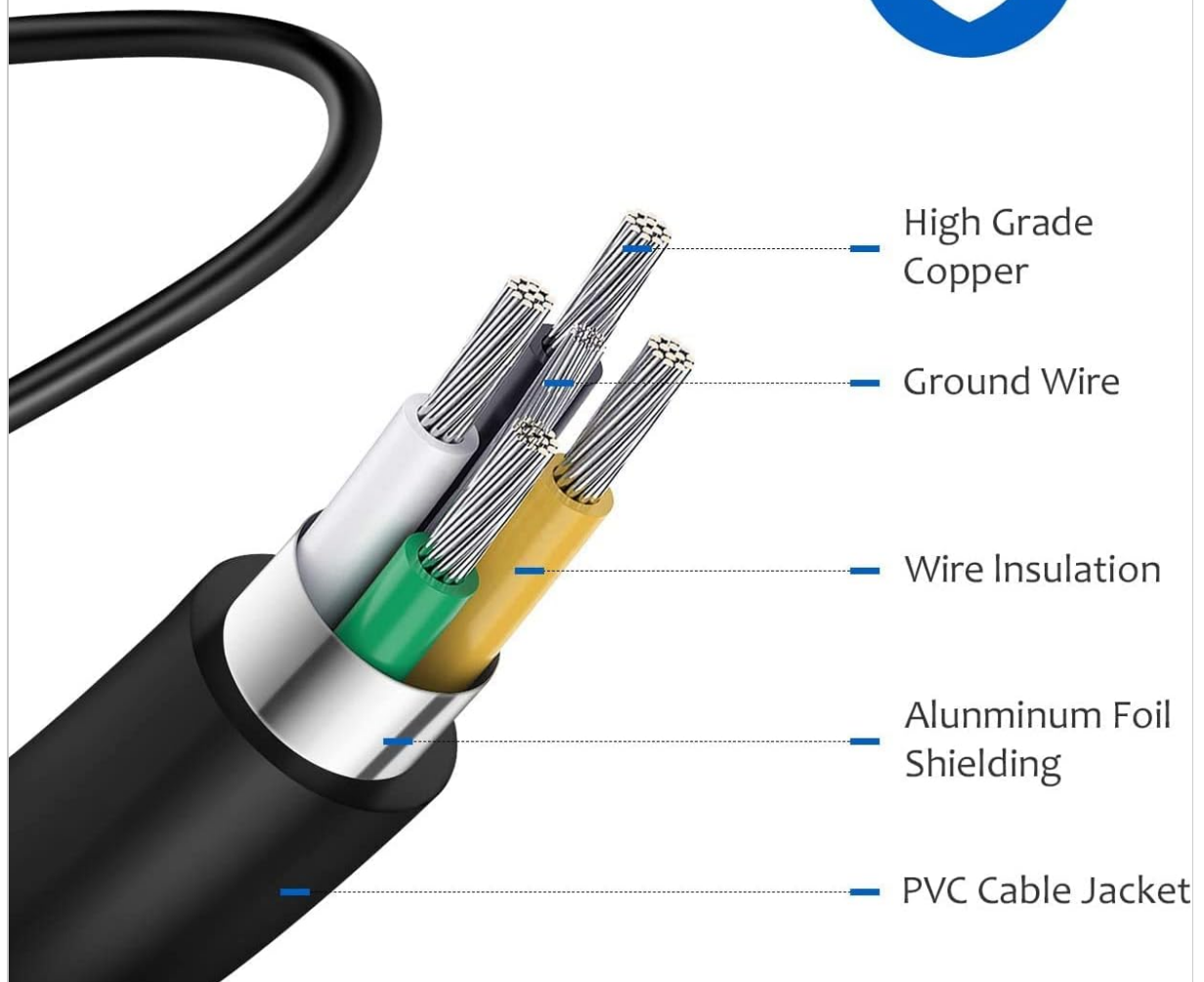


Image 8.1: Internal structure of the power cable, highlighting tinned copper core wire and shielding.

Multi-Safe Protection



**Short Circuit
Protection**



**Over Current
Protection**



**Over Voltage
Protection**



**Over-Temp
Protection**



Fast Charging



**CE, FCC & RoHS
Certified**



Image 8.2: Overview of the adapter's multi-safe protection features and certifications.

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

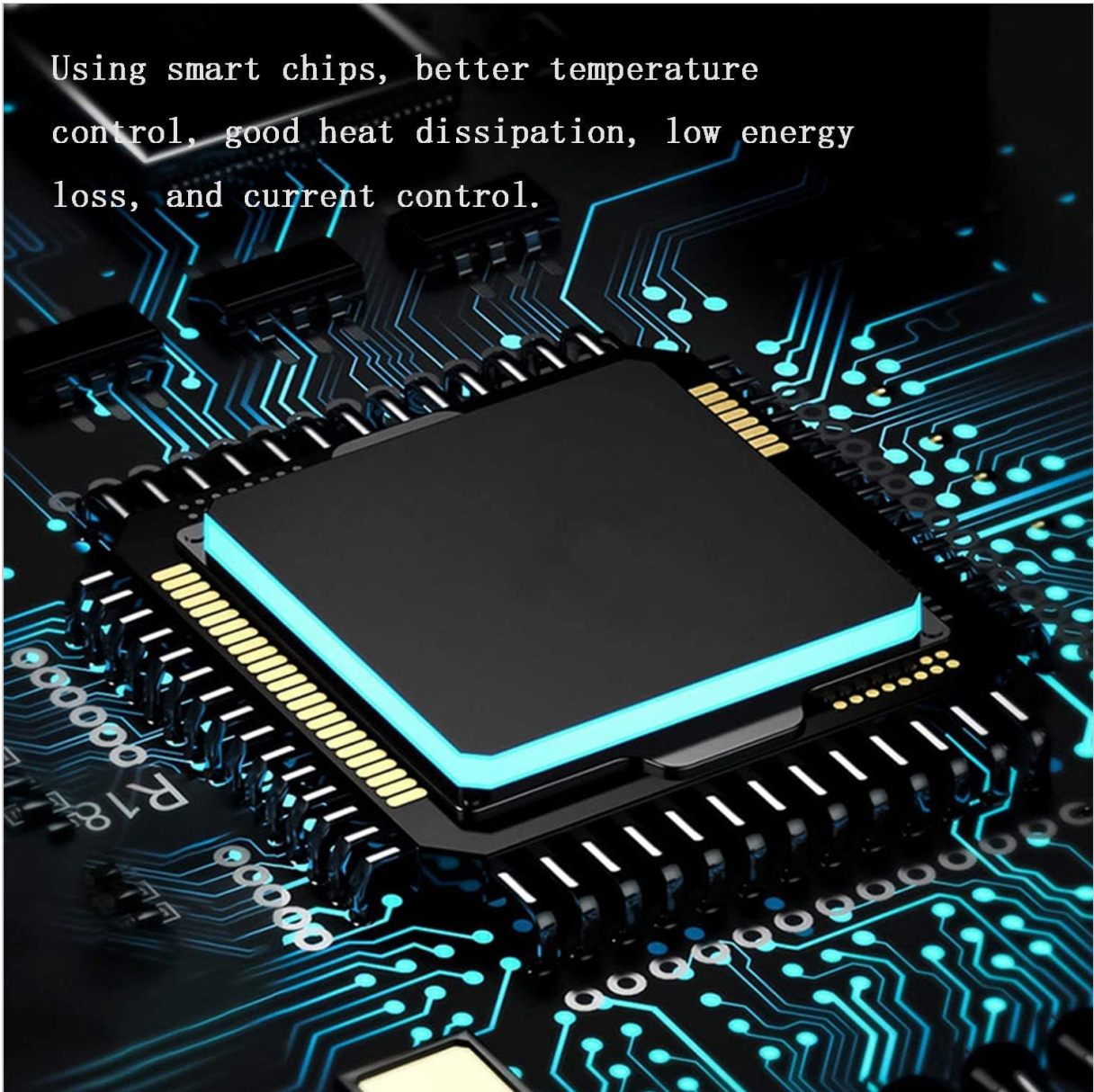


Image 8.3: Detail of the smart chip responsible for temperature and current regulation.

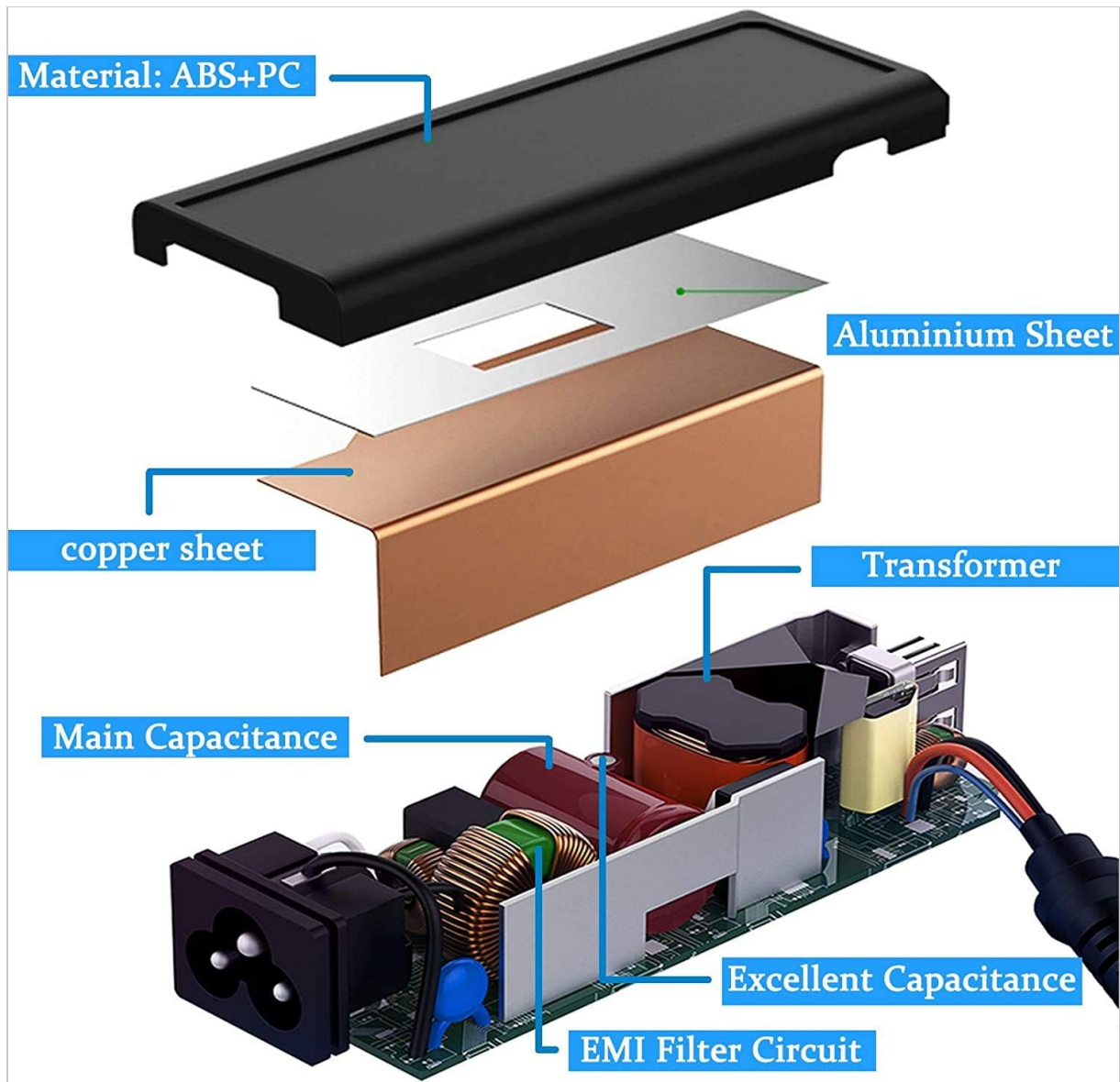


Image 8.4: Diagram showing the internal components of the AC adapter.

9. WARRANTY AND SUPPORT

Your Galaxy Bang AC Adapter Charger comes with a 1-year worry-free warranty. Additionally, a 30-day return policy is offered for any reason. For support or warranty claims, please contact your retailer or the manufacturer, Dong Guan Simer Electronics Co LTD.

365 Days
WARRANTY

30 Days
Money Back

24x7
service

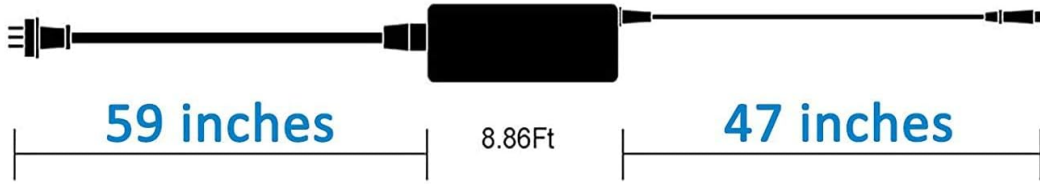


Image 9.1: Overview of warranty, return policy, and cable dimensions.