

AMEGAT LCG1010

AMEGAT Qi2 Wireless Charging Pad with Cooling System

MODEL: LCG1010

1. Introduction

Thank you for choosing the AMEGAT Qi2 Wireless Charging Pad with Cooling System. This device is designed to provide efficient 15W wireless charging for compatible devices while actively managing heat through its integrated cooling fan. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.

2. Safety Information

- Do not expose the device to water or excessive moisture.
- Avoid extreme temperatures, direct sunlight, or high humidity.
- Keep out of reach of children.
- Use only with a compatible power adapter (30W or higher recommended for cooling system functionality).
- Do not disassemble, modify, or attempt to repair the device.
- Ensure no metal objects are placed between the charging pad and your device during charging.

3. Package Contents

- AMEGAT Qi2 Wireless Charging Pad with Cooling System
- USB-C to USB-C Cable
- User Manual

4. Setup

1. **Connect to Power:** Connect the provided USB-C cable to the charging pad and then to a compatible power adapter (not included). For optimal performance, especially when using the cooling system, a 30W or higher power adapter is required.

2. **Placement:** Place the charging pad on a stable, flat surface.
3. **Device Attachment:** Align your MagSafe-compatible iPhone (iPhone 12 series or newer) or a phone with a magnetic ring case onto the charging surface. The strong magnetic attraction will secure your device in place.



Image 1: The AMEGAT Wireless Charging Pad magnetically attached to a smartphone, illustrating the cooling function.

5. Operating Instructions

The AMEGAT charging pad features independent controls for wireless charging, cooling, and LED lighting.

Free Control with Every Press



Image 2: Overview of the control buttons on the AMEGAT Wireless Charging Pad.

1. Wireless Charging:

- Press the **Wireless Charging button** (lightning bolt icon) to activate or deactivate wireless charging.
- When activated, the pad will deliver up to 15W fast charging to compatible devices.

2. Cooling System:

- Press the **Cooling button** (snowflake icon) to activate the cooling fan.
- Multiple presses will cycle through 3 adjustable fan speeds.

- The cooling system can operate independently or simultaneously with charging.
- A 30W or higher power adapter is required for the cooling system to function.

3. LED Lighting:

- Press the **LED Light button** (light bulb icon) to adjust the flashing mode of the integrated lights.
- Cycle through various lighting effects to match your preference or gaming environment.

4. Real-time Temperature Display:

- The integrated display shows the real-time temperature of the charging pad, helping you monitor your device's thermal status during use.

6. Features

- **Advanced Cooling System:** Features a 3-speed adjustable cooling solution. The cooling fan can be activated independently or simultaneously with charging. A 30W or higher charger is required for the cooling system.
- **Real-time Temperature Display:** Monitors and displays the temperature, ensuring optimal thermal management for your device.
- **15W Fast Charging:** Leverages advanced Qi2 technology for rapid and efficient charging, delivering up to 15 watts. Charges compatible iPhones up to 50% in approximately 30 minutes.
- **Strong Magnetic Attraction:** Ensures your device remains securely in place during charging, even with non-magnetic phone cases (when used with an external magnetic ring).
- **Gaming-Oriented Design:** Adjustable lighting modes enhance the user experience, particularly during gaming sessions. The compact and lightweight design allows for portable use.

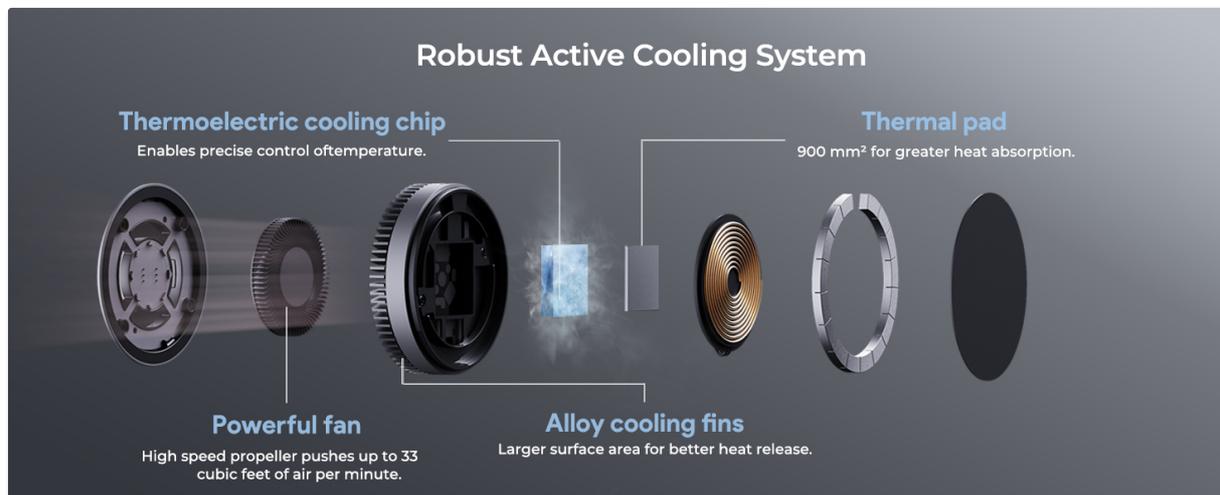


Image 3: Illustration of the Robust Active Cooling System components.

7. Compatibility

The AMEGAT Qi2 Wireless Charging Pad is compatible with a wide range of devices:

- **iPhone Series:** iPhone 17, iPhone 17 Pro, iPhone 17 Pro Max, iPhone 16, iPhone 16 Pro, iPhone 16 Plus, iPhone 16 Pro Max, iPhone 15, iPhone 15 Pro, iPhone 15 Plus, iPhone 15 Pro Max, iPhone 14, iPhone 14 Pro, iPhone 14 Plus, iPhone 14 Pro Max, iPhone 13, iPhone 13 Pro, iPhone 13 Pro Max, iPhone 13 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone 12 mini.
- **AirPods:** AirPods Pro 2 / 1, AirPods 3 / 2 (with wireless charging case).

- **Other Wireless Earbuds:** Compatible with wireless earbuds that support wireless charging.
- **Android Phones:** Can be used with Android phones when an external magnetic ring is attached to the phone or case.



Image 4: Compatibility overview for iPhone and Android devices.

8. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the charging pad. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the charging pad in a cool, dry place away from direct sunlight.
- **Cable Care:** Avoid bending or crimping the USB-C cable excessively to prevent damage.

9. Troubleshooting

Problem	Possible Cause	Solution
Device not charging	<ul style="list-style-type: none"> • Charging pad not powered. • Device not aligned correctly. • Foreign object detected. • Wireless charging button off. • Incompatible phone case. 	<ul style="list-style-type: none"> • Ensure power adapter is connected and functional. • Re-align device on the charging pad. • Remove any metal objects. • Press the Wireless Charging button to activate. • Remove thick or non-magnetic cases.
Cooling system not working	<ul style="list-style-type: none"> • Insufficient power adapter. • Cooling button off. 	<ul style="list-style-type: none"> • Use a 30W or higher power adapter. • Press the Cooling button to activate.

Problem	Possible Cause	Solution
Slow charging speed	<ul style="list-style-type: none"> • Power adapter output too low. • Device not optimally aligned. • Background apps consuming power. 	<ul style="list-style-type: none"> • Use a power adapter that supports 15W output. • Ensure device is centered on the charging pad. • Close unnecessary applications.
Temperature display inaccurate or device still hot	<ul style="list-style-type: none"> • Cooling system not active or at low speed. • Environmental factors. 	<ul style="list-style-type: none"> • Activate cooling or increase fan speed. • Ensure adequate ventilation around the charger.

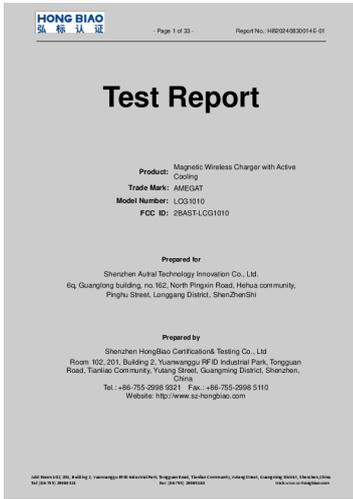
10. Specifications

Feature	Detail
Model Number	LCG1010
Product Dimensions	2.48 x 2.48 x 0.98 inches
Item Weight	4.7 ounces
Brand	AMEGAT
Connector Type	USB Type C
Input Voltage	12 Volts
Wattage	15 watts
Special Features	Cooling System, 15W Fast Charging for iPhone
Color	Gray

11. Warranty and Support

AMEGAT products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. For warranty claims, technical support, or product inquiries, please contact AMEGAT customer service through the retailer where the product was purchased or visit the official AMEGAT website for contact information.

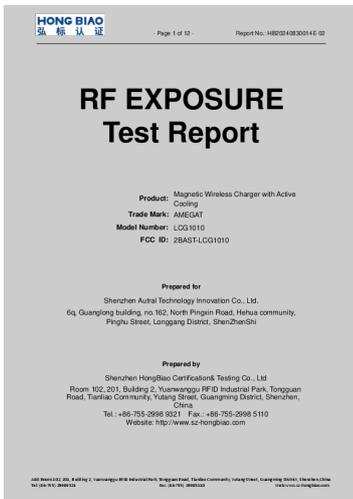
	<p>Amegat LCQ3110 Wireless Charger User Manual</p> <p>User manual for the Amegat LCQ3110 wireless charger, detailing its features, specifications, compatibility, and safety precautions for charging various devices including iPhones, Apple Watches, and earphones.</p>
	<p>AMEGAT PBQ2010 20000mAh Power Bank User Manual</p> <p>User manual for the AMEGAT PBQ2010 20000mAh power bank, detailing charging features, product care, specifications, and FCC compliance. Includes information on fast charging, small current mode, and safety precautions.</p>
	<p>AMEGAT LCQ3112 Wireless Charger RF Exposure Test Report</p> <p>Official RF Exposure test report for the AMEGAT LCQ3112 Wireless Charger, detailing compliance with FCC standards and maximum permissible exposure limits as per KDB 680106 D01.</p>
	<p>Amegat LCQ3110 Wireless Charger User Manual</p> <p>User manual for the Amegat LCQ3110 wireless charger, detailing its features, specifications, compatibility, and safety precautions for charging various devices including iPhones, Apple Watches, and earphones.</p>
	<p>AMEGAT PBQ2010 20000mAh Power Bank User Manual</p> <p>User manual for the AMEGAT PBQ2010 20000mAh power bank, detailing charging features, product care, specifications, and FCC compliance. Includes information on fast charging, small current mode, and safety precautions.</p>
	<p>AMEGAT LCQ3112 Wireless Charger RF Exposure Test Report</p> <p>Official RF Exposure test report for the AMEGAT LCQ3112 Wireless Charger, detailing compliance with FCC standards and maximum permissible exposure limits as per KDB 680106 D01.</p>



[pdf] Test Report

leon chen Test Report Shenzhen Autral Technology Innovation Co Ltd LCG1010 Magnetic Wireless Charger with Active Cooling 2BAST 2BASTLCG1010 lcg1010

- Page 1 of 33 - Report No.: HB20240830014E-01 Test Report Product: Magnetic Wireless Charger with Active Cooling Trade Mark: AMEGAT Model Number: **LCG1010** FCC ID: 2BAST-**LCG1010** Prepared for Shenzhen Autral Technology Innovation Co., Ltd. 6q, Guanglong building, no.162, North Pingxin Road, Hehua c... lang:tl score:30 filesize: 3.83 M page_count: 33 document date: 2024-10-22



[pdf] Test Report SAR Rating

leon chen RF Exposure Shenzhen Autral Technology Innovation Co Ltd LCG1010 Magnetic Wireless Charger with Active Cooling 2BAST 2BASTLCG1010 lcg1010

- Page 1 of 12 - Report No.: HB20240830014E-02 RF EXPOSURE Test Report Product: Magnetic Wireless Charger with Active Cooling Trade Mark: AMEGAT Model Number: **LCG1010** FCC ID: 2BAST-**LCG1010** Prepared for Shenzhen Autral Technology Innovation Co., Ltd. 6q, Guanglong building, no.162, North Pingxin Ro... lang:tl score:30 filesize: 1.18 M page_count: 12 document date: 2024-10-22