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LQWELL 90669

LQWELL Modern LED Ceiling Light (Model 90669) User Manual

Model: 90669 | Brand: LQWELL

Safety Instructions | Product Overview | Specifications | Installation | Operation | Maintenance | Troubleshooting | Warranty & Support

1. Safety Instructions

Please read these safety instructions carefully before installing or using the LQWELL Modern LED Ceiling Light. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Disconnect Power:** Always ensure the main power supply is turned off at the circuit breaker before attempting any installation, maintenance, or cleaning of the light fixture.
- **Qualified Installation:** If you are unsure about electrical wiring, consult a qualified electrician for installation.
- **Proper Grounding:** Ensure the fixture is properly grounded according to local electrical codes.
- **Voltage Compatibility:** This fixture operates on 230 Volts (AC). Verify your electrical supply matches this requirement.
- **Do Not Modify:** Do not attempt to modify or disassemble the light fixture. There are no user-serviceable parts inside.
- **IP44 Rating:** This product has an IP44 waterproof rating, making it suitable for damp environments like bathrooms. However, it is not designed for direct water immersion.
- **Secure Mounting:** Ensure the ceiling surface can safely support the weight of the fixture.
- **Avoid Direct Eye Exposure:** Do not stare directly into the LED light source for extended periods.

2. Product Overview

The LQWELL Modern LED Ceiling Light (Model 90669) features a contemporary design with two interlocking rings and a central solid round base. Constructed from durable metal and acrylic, this fixture provides bright, cool white light suitable for various indoor environments.

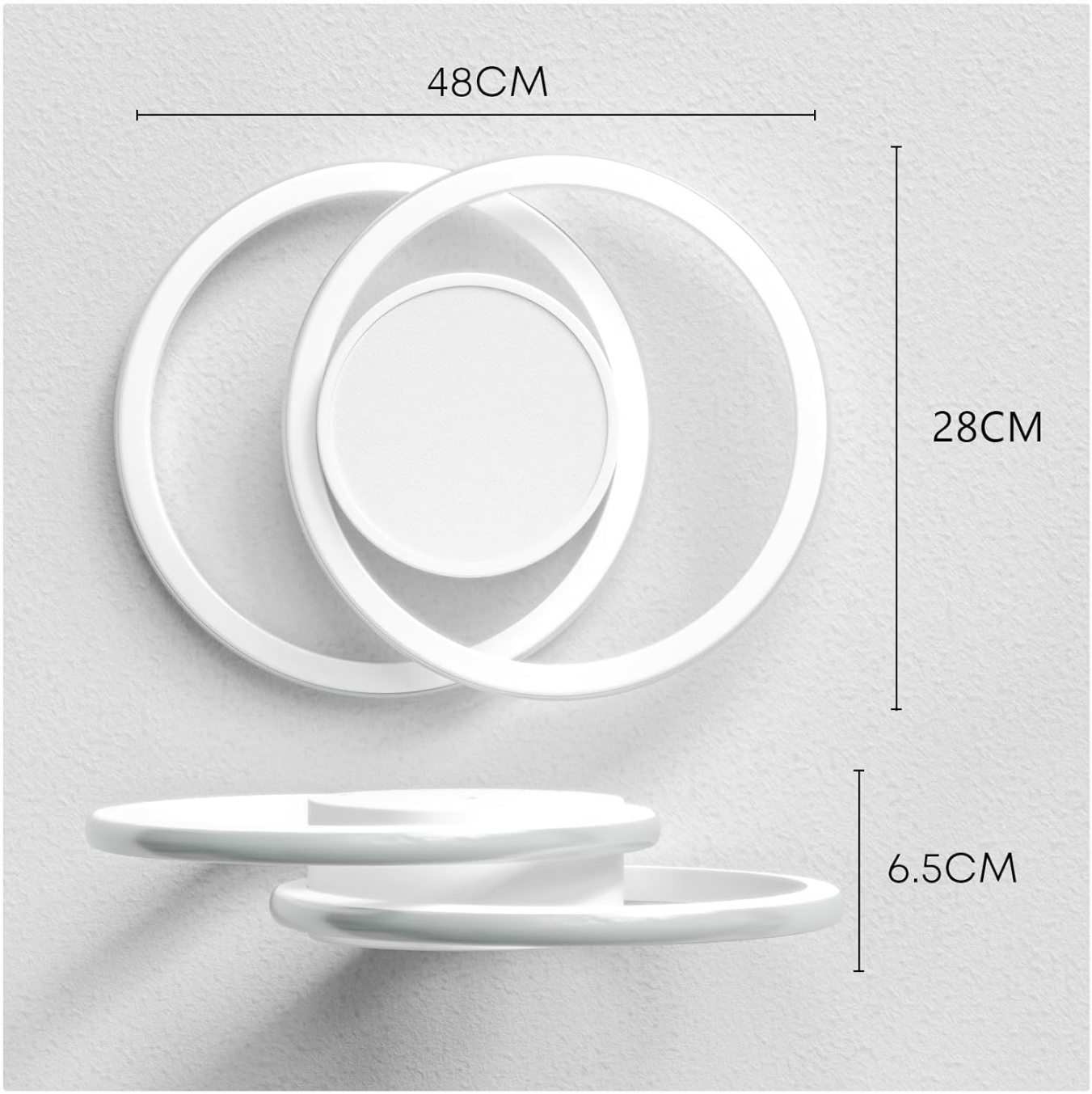
Key Features:

- **Modern Design:** Double ring structure with a solid round socket for an aesthetic appeal.
- **Versatile Application:** Ideal for living rooms, bedrooms, kitchens, hallways, balconies, bathrooms, and home offices.
- **High-Quality Materials:** Robust metal base and aluminum housing with an acrylic shade for durability and eye protection.
- **IP44 Waterproof:** Dust and splash resistant, suitable for wet rooms.
- **Energy Efficient:** Utilizes high-efficiency LED chips, reducing electricity consumption.
- **High Color Rendering Index (CRI 80+):** Ensures objects appear in their true colors.
- **Flicker-Free Lighting:** Designed to provide stable illumination without flickering, reducing eye strain.

Product Components:

- Modern Ceiling Light Fixture
- Installation Accessories
- Instruction Manual (this document)

Product Images:



Front view of the LQWELL Modern LED Ceiling Light, showcasing its double-ring design.



Diagram illustrating the dimensions of the ceiling light: 48cm width, 28cm height, and 6.5cm thickness.



Comparison image showing the ceiling light in both off and on states, highlighting its illumination.

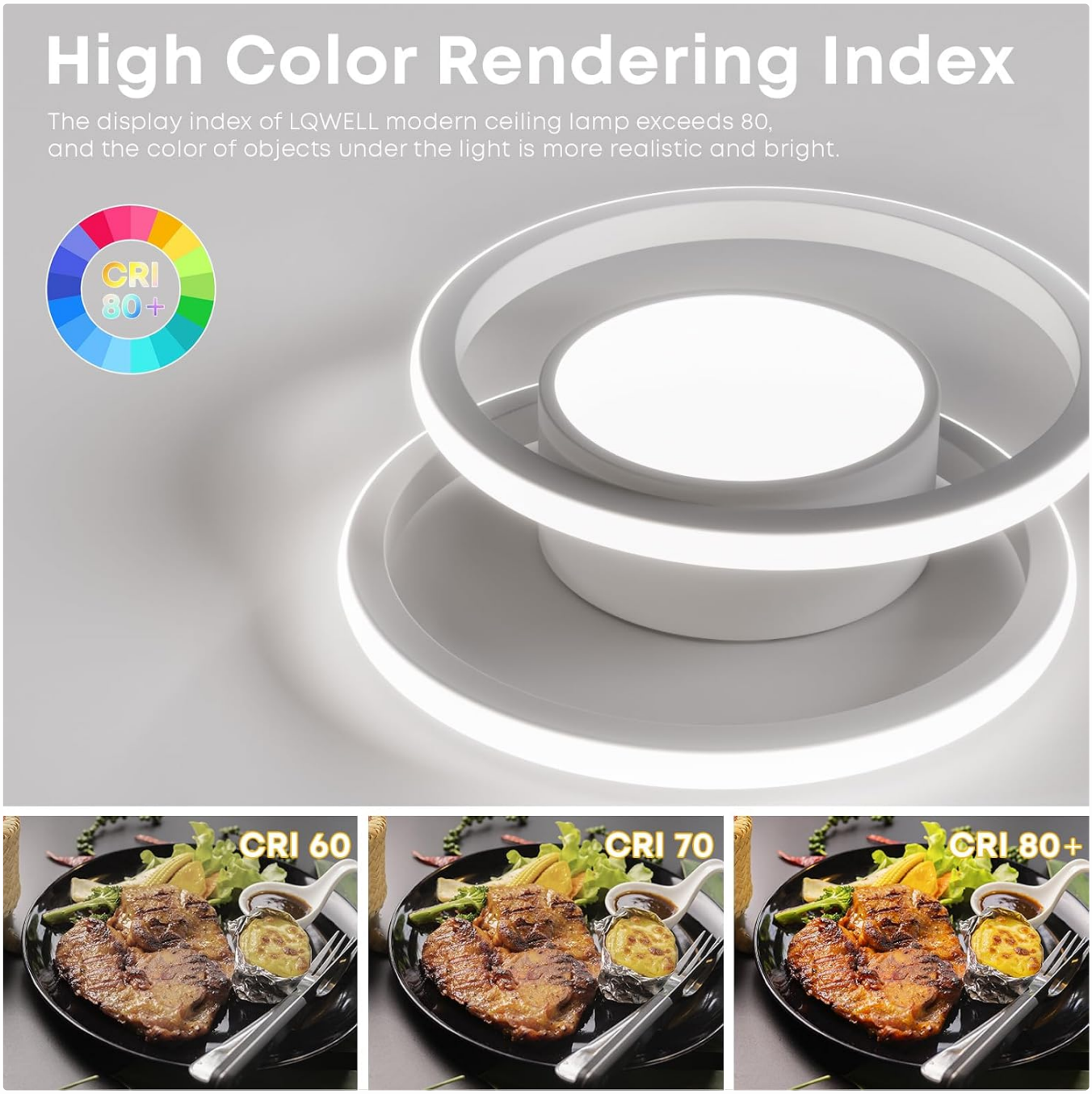


Illustration explaining the High Color Rendering Index (CRI 80+) of the light, demonstrating how colors appear more realistic.



Image emphasizing the flicker-free and eye-protective qualities of the LED ceiling light.



The LQWELL LED Ceiling Light installed in a modern living room setting, demonstrating its aesthetic integration.

3. Specifications

Feature	Detail
Brand	LQWELL
Model Number	90669
Material	Acrylic, Metal
Style	Modern

Feature	Detail
Light Fixture Form	Ceiling
Room Type	Indoor (Bathroom, Bedroom, Home, Kitchen, Living Room)
Power Source	Corded Electric
Control Method	Push Button (via wall switch)
Light Source	LED
Number of Light Sources	2
Voltage	230 Volts (AC)
Light Color	Cool White
Wattage	48 watts
Water Resistance Level	IP44 Waterproof
Brightness	5350 Lumens
Color Temperature	6500 Kelvin
Item Dimensions (L x W x H)	11.02"L x 9.06"W x 2.56"H (approx. 28cm L x 23cm W x 6.5cm H)
Size (Approximate Diameter)	40 cm (Double Ring)
Required Assembly	Yes
Energy Efficiency Class	E

Energy Information:



Fiche d'information sur le produit

RÈGLEMENT DÉLÉGUÉ (UE) 2019/2015 DE LA COMMISSION en ce qui concerne l'étiquetage énergétique des sources lumineuses

Nom du fournisseur ou marque commerciale: LEDMY LI

Adresse du fournisseur: Qin Luo, Am Rahedamm 5, 41334 Nettetal, DE

Référence du modèle: JL-WSY-830/80669

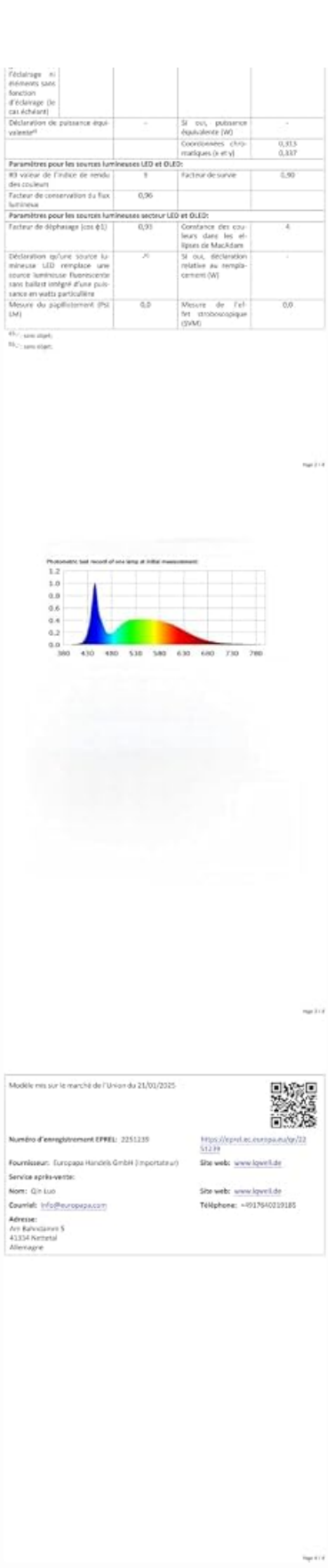
Type de source lumineuse:

Technologie d'éclairage utilisée:	LED	Non dirigée ou dirigée:	NDLS
Type de culot de la source lumineuse (ou d'autre interface électrique)	MD		
Secteur ou non secteur:	NLS	Source lumineuse connectée (SLC):	Non
Source lumineuse réglable en couleur:	Non	Enveloppe:	-
Source lumineuse à luminance élevée:	Non		
Protection anti-éblouissement:	Non	Utilisation avec un variateur:	Non

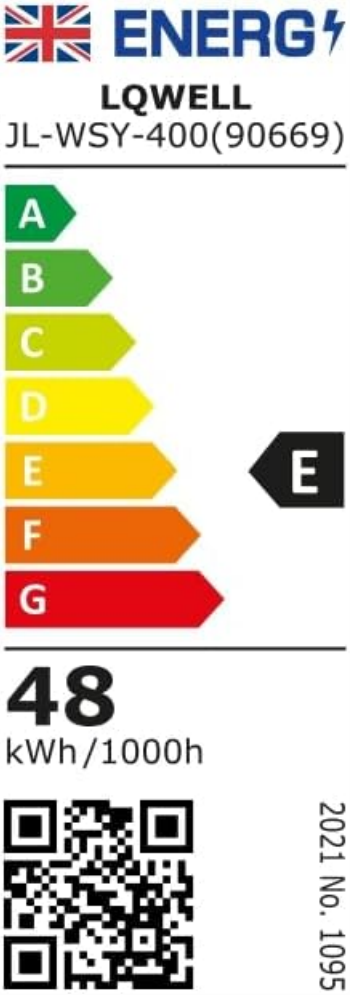
Paramètres du produit

Paramètre	Valeur	Paramètre	Valeur
Paramètres généraux du produit:			
Consommation d'énergie en mode marche [kWh/1000 h], arrondie à l'entier supérieur le plus proche	48	Classe d'efficacité énergétique	E
Flux lumineux utile [lm], avec indication qu'il se réfère au flux dans une sphère [360°], dans un cône large [120°] ou dans un cône étroit [90°]	5 355 sur Sphère [360°]	Température de couleur proximale, arrondie à la centaine de K la plus proche, ou la plage de températures de couleur proximales qui peuvent être réglées	6 500
Puissance en mode marche (P_{on}), exprimée en W	48,0	Puissance en mode veille (P_{sb}), exprimée en W et arrondie à la deuxième décimale	0,00
Puissance en mode veille (P_{sb}), pour SLC, exprimée en W et arrondie à la deuxième décimale	-	Indice de rendu des couleurs, arrondi à l'entier le plus proche, ou la plage	82

			de valeurs d'IRC qui peuvent être réglées	
Dimensions extérieures en mm, sans appareillage de commande séparé, éléments de régulation de	Hauteur	400	Distribution de la puissance spectrale dans la plage de 250 nm à 800 nm, à pleine charge	Voir l'image de la page précédente
	Largeur	280		
	Profondeur	65		



EU Energy Label for LQWELL LED Ceiling Light, Model JL-WSY-400(90669), showing an energy efficiency class of E and 48 kWh/1000h consumption. View EPREL Product Information



UK Energy Label for LQWELL LED Ceiling Light, Model JL-WSY-400(90669), indicating an energy efficiency class of E and 48 kWh/1000h consumption. View Product Details

4. Installation Guide

This LED ceiling light is designed for easy installation. However, always prioritize safety and ensure power is disconnected before beginning.

Tools Required (Not Included):

- Screwdriver
- Drill (if needed for mounting bracket)
- Wire strippers
- Pencil
- Safety glasses

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker controlling the light fixture's power supply and turn it off. Verify power is off using a voltage tester.
2. **Prepare Mounting Surface:** If replacing an existing fixture, carefully remove it. Ensure the ceiling surface is clean, dry, and capable of supporting the new light.

3. **Attach Mounting Bracket:** Secure the provided mounting bracket to the ceiling junction box using the screws. If no junction box is present or if additional support is needed, mark and drill pilot holes, then use appropriate anchors and screws to secure the bracket.
4. **Connect Wiring:** Carefully connect the electrical wires from the ceiling to the wires of the light fixture. Match live (usually black or brown), neutral (usually white or blue), and ground (usually green/yellow or bare copper) wires. Use wire nuts to secure connections. Ensure all connections are tight and insulated.
5. **Mount the Fixture:** Align the light fixture with the mounting bracket and secure it in place using the provided screws or locking mechanism. Ensure the fixture is flush against the ceiling and stable.
6. **Restore Power:** Once the fixture is securely installed and all connections are checked, turn the power back on at the circuit breaker.
7. **Test Light:** Turn on the light switch to confirm the fixture is working correctly.

For detailed diagrams, refer to the included installation accessories and instructions provided in the product packaging.

5. Operation

The LQWELL Modern LED Ceiling Light operates via a standard wall switch. There are no complex controls or dimming functions built into the fixture itself.

- **Turning On/Off:** Simply use your existing wall switch to turn the light fixture on or off.
- **Light Output:** The fixture provides a consistent 6500K cool white light at 5350 lumens when powered on.



The light fixture illuminates instantly when power is supplied via the wall switch.

6. Maintenance

The LQWELL Modern LED Ceiling Light requires minimal maintenance. Follow these guidelines to ensure its longevity and performance:

- **Cleaning:** Before cleaning, always turn off the power supply at the circuit breaker. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or acrylic components.
- **No User-Serviceable Parts:** The LED chips are integrated and not replaceable by the user. Do not attempt to open or repair the fixture.
- **Regular Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

7. Troubleshooting

If you encounter issues with your LQWELL Modern LED Ceiling Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply.	Check the circuit breaker and ensure it is in the 'ON' position. Verify the wall switch is on.
	Loose wiring connection.	Turn off power at the circuit breaker. Carefully inspect wiring connections at the fixture and junction box. Tighten any loose connections. If unsure, consult a qualified electrician.
	Faulty fixture.	If all power and wiring checks are satisfactory, the fixture may be faulty. Contact customer support for assistance.
Light flickers.	Loose wiring connection.	Turn off power at the circuit breaker. Check and tighten all wiring connections.
	Incompatible dimmer switch.	This fixture is not designed for dimming. If connected to a dimmer, remove the dimmer and replace it with a standard on/off switch.
Light is dim or inconsistent.	Low voltage supply.	Ensure your electrical system is providing the correct voltage (230V AC). Consult an electrician if you suspect voltage issues.

If the problem persists after attempting these solutions, please contact LQWELL customer support.

8. Warranty & Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact LQWELL directly.
You can visit the official LQWELL store for more information and support:

Visit LQWELL Store on Amazon

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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