

QILIPSU QL-151509AGH

QILIPSU Waterproof Junction Box IP67 Outdoor Electrical Enclosure Manual

Model: QL-151509AGH

1. INTRODUCTION AND OVERVIEW

This manual provides instructions for the installation, operation, and maintenance of your QILIPSU Waterproof Junction Box. This enclosure is designed to protect electrical equipment in various environments, offering reliable performance for both indoor and outdoor applications.

The QILIPSU Waterproof Junction Box features an IP67 rating, ensuring protection against dust and water ingress. Constructed from high-grade ABS plastic, it provides durability, impact resistance, and electrical insulation.

2. PRODUCT FEATURES

- **IP67 Waterproof and Dustproof:** Provides complete protection against dust and temporary immersion in water.
- **Premium ABS Plastic Construction:** Offers long-lasting durability, reliable impact resistance, and excellent electrical insulation.
- **UV Proof:** Designed to withstand exposure to ultraviolet radiation without degradation.
- **Corrosion Resistant:** Suitable for use in various environmental conditions.
- **Easy to Drill:** The ABS plastic material allows for easy customization and drilling without cracking.
- **Hinged Grey Cover:** Provides easy access to internal components while maintaining a secure seal.
- **Mounting Plate and Wall Brackets:** Facilitates straightforward installation of equipment and mounting of the enclosure.

Waterproof Outdoor Electrical Box

Ultimate All-Weather Protection for Your Valuable Equipments



**Waterproof
Dustproof**



**Corrosion
Resistant**



**Impact
Resistant**



UV Proof



Easy to Drill



Figure 2.1: Key features of the QILIPSU Waterproof Junction Box.

We Craft with **Heart** **Shield** Your Devices with Care



Figure 2.2: Internal components and sealing mechanisms.

All Weather • All Secure

Choose Our Junction Boxes for Better Protection

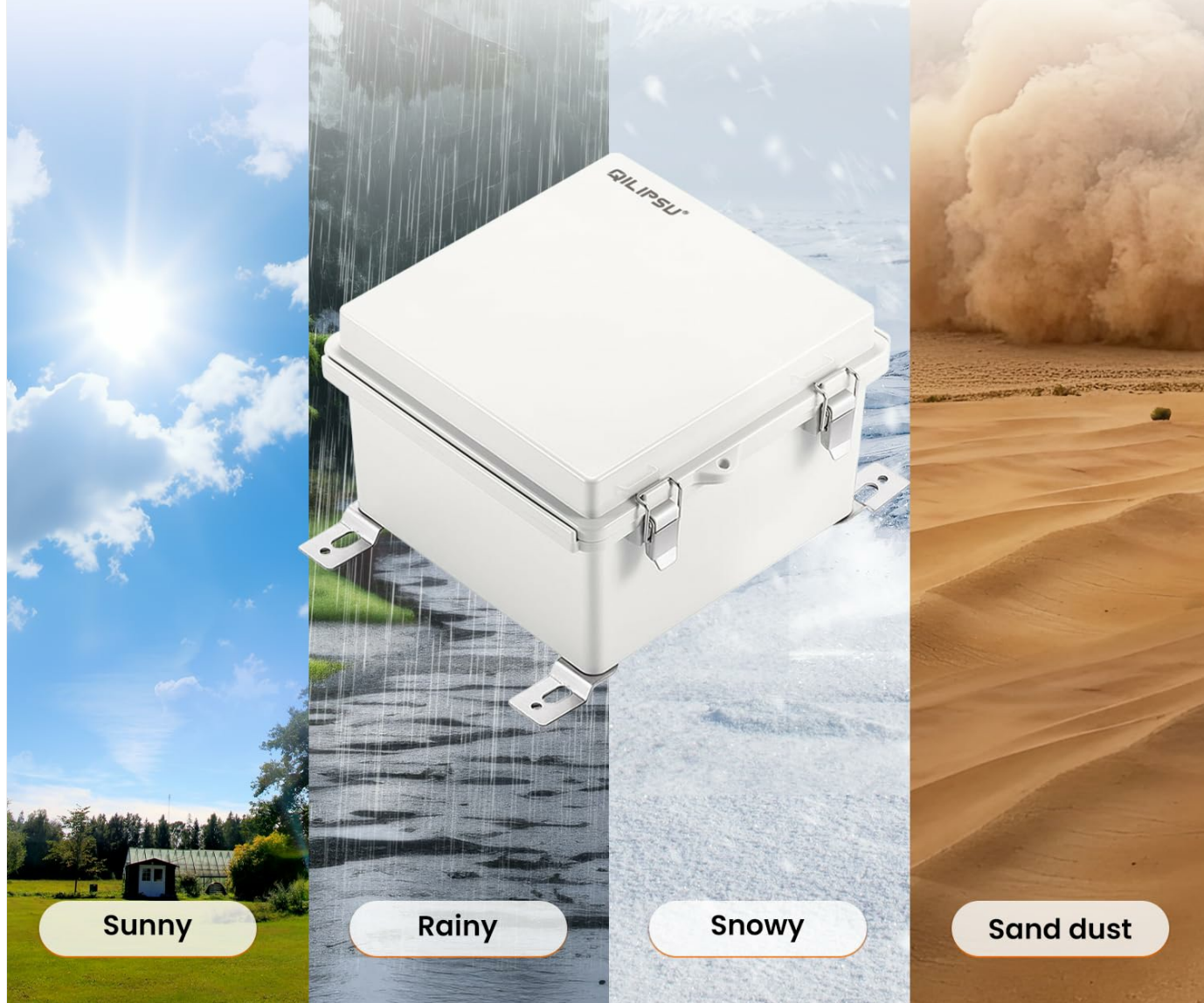


Figure 2.3: All-weather protection capabilities.

3. WHAT'S IN THE BOX

Upon unpacking, verify that all the following items are included:

- 1 x Waterproof Junction Box
- 1 x Mounting Plate
- 4 x Wall Brackets
- Screws for assembly

Your Creativity · Better the World

Every creation starts with you.

We know your ideas turn our electrical box into more than just protection—you create solutions, innovations, and stories that matter. With every project, you elevate your own setup—and make the world around you better.

Choose QILIPSU—because your talent **deserves** the best.

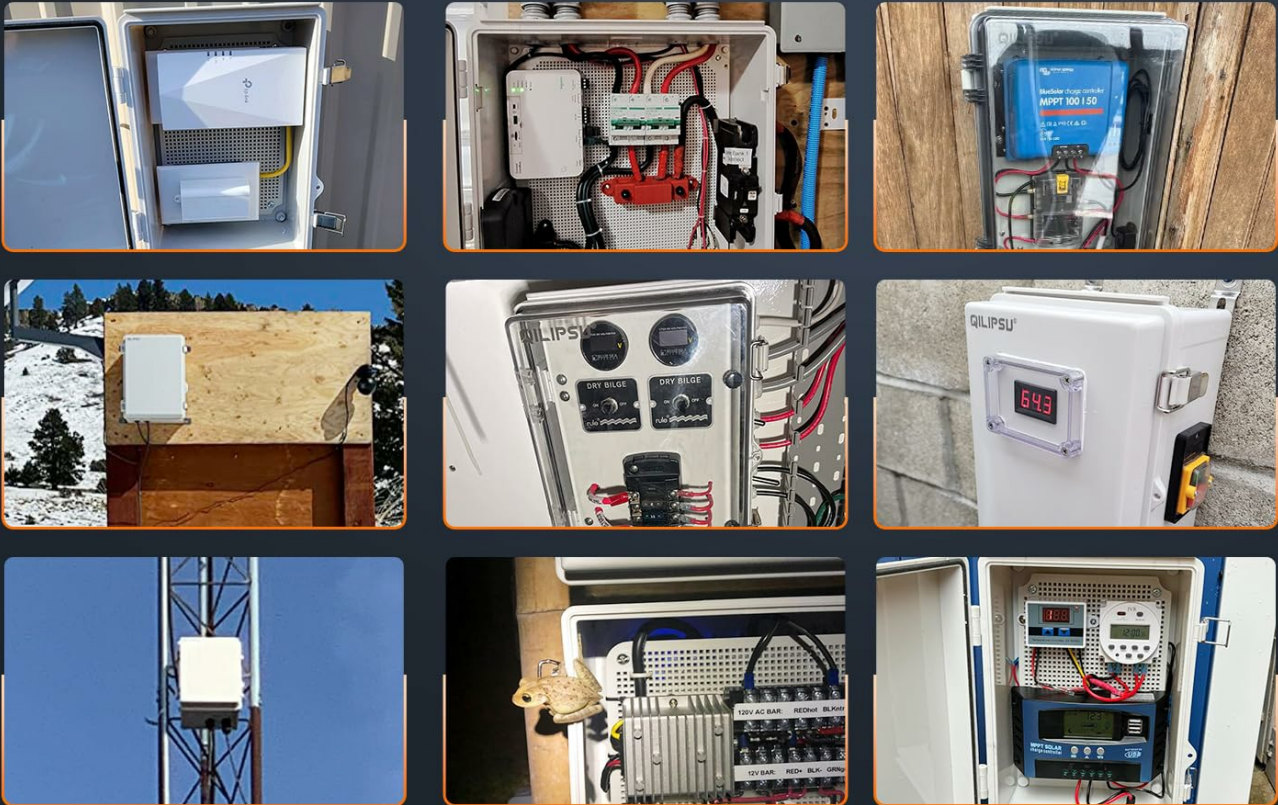


Figure 3.1: Package contents.

4. SETUP AND INSTALLATION

The QILIPSU Waterproof Junction Box is designed for easy customization and installation. Follow these general guidelines for setup:

1. **Planning:** Before drilling, plan the layout of your internal components and cable entry points. Mark all drilling locations carefully.
2. **Drilling:** The ABS plastic is easy to drill. Use appropriate drill bits for your cable glands or mounting holes. To prevent cracking, especially with larger holes, consider clamping a piece of wood on both sides of the drilling area.
3. **Mounting Plate Installation:** Secure your electrical components (e.g., routers, POE switches) to the included mounting plate using the provided screws or other suitable fasteners.
4. **Enclosure Mounting:** Attach the wall brackets to the exterior of the junction box. Secure the enclosure to a wall or pole using appropriate hardware (not always included, depending on surface type). Ensure the mounting surface is stable and can support the weight of the enclosure and its contents.

5. **Cable Entry:** Utilize waterproof cable glands (not included) for all cable entry points to maintain the IP67 rating. Ensure a tight seal around all cables.
6. **Sealing:** After installing all components and routing cables, ensure the hinged cover is properly closed and latched. The integrated rubber seal provides a watertight and dust-tight enclosure.

Easy Installation • Effortless Mounting

Removable Mounting Plate and Wall Brackets Included

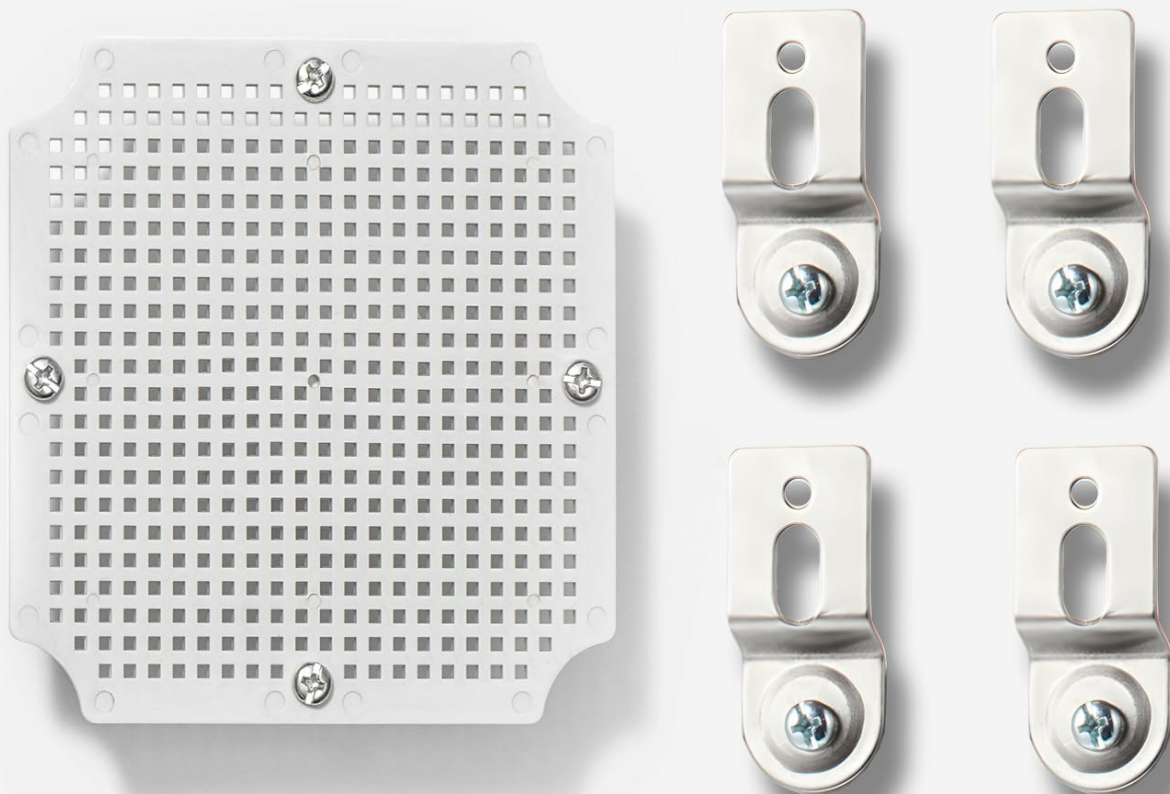


Figure 4.1: Removable mounting plate and wall brackets for easy installation.

5. OPERATING INSTRUCTIONS

Once installed, the QILIPSU Waterproof Junction Box operates passively by protecting your internal electrical components. No active operation is required from the enclosure itself.

- **Monitoring:** If your enclosure has a clear cover, you can visually inspect the status lights of your internal equipment without opening the box.
- **Access:** To access internal components, unlatch the hinged cover. Ensure the area is clean and dry before opening to prevent contaminants from entering.

6. MAINTENANCE

Regular maintenance ensures the longevity and continued protection provided by your QILIPSU Waterproof Junction Box.

- **Periodic Inspection:** Annually, or more frequently in harsh environments, inspect the enclosure for any signs of damage, cracks, or wear.
- **Seal Integrity:** Check the rubber seal around the cover for any signs of degradation, cracking, or displacement. A compromised seal can lead to water ingress.
- **Cleaning:** Clean the exterior of the box with a damp cloth. Avoid using harsh chemicals that could damage the plastic or seals. For clear covers, ensure they remain clean for visibility.
- **Fasteners:** Verify that all mounting screws and latches are secure.

7. TROUBLESHOOTING

If you encounter issues with your QILIPSU Waterproof Junction Box, consider the following:

- **Water Inside the Enclosure:**
 - Check the rubber seal for proper seating and damage.
 - Inspect all cable glands for proper installation and tightness.
 - Ensure the cover is fully latched and closed.
- **Difficulty Drilling:**
 - Use sharp drill bits designed for plastic.
 - Apply steady, moderate pressure.
 - Consider using a wood backing to prevent cracking, especially for larger holes.
- **Loose Mounting:**
 - Verify that the wall brackets are securely attached to both the box and the mounting surface.
 - Ensure appropriate fasteners were used for the specific mounting surface (e.g., concrete anchors for masonry).

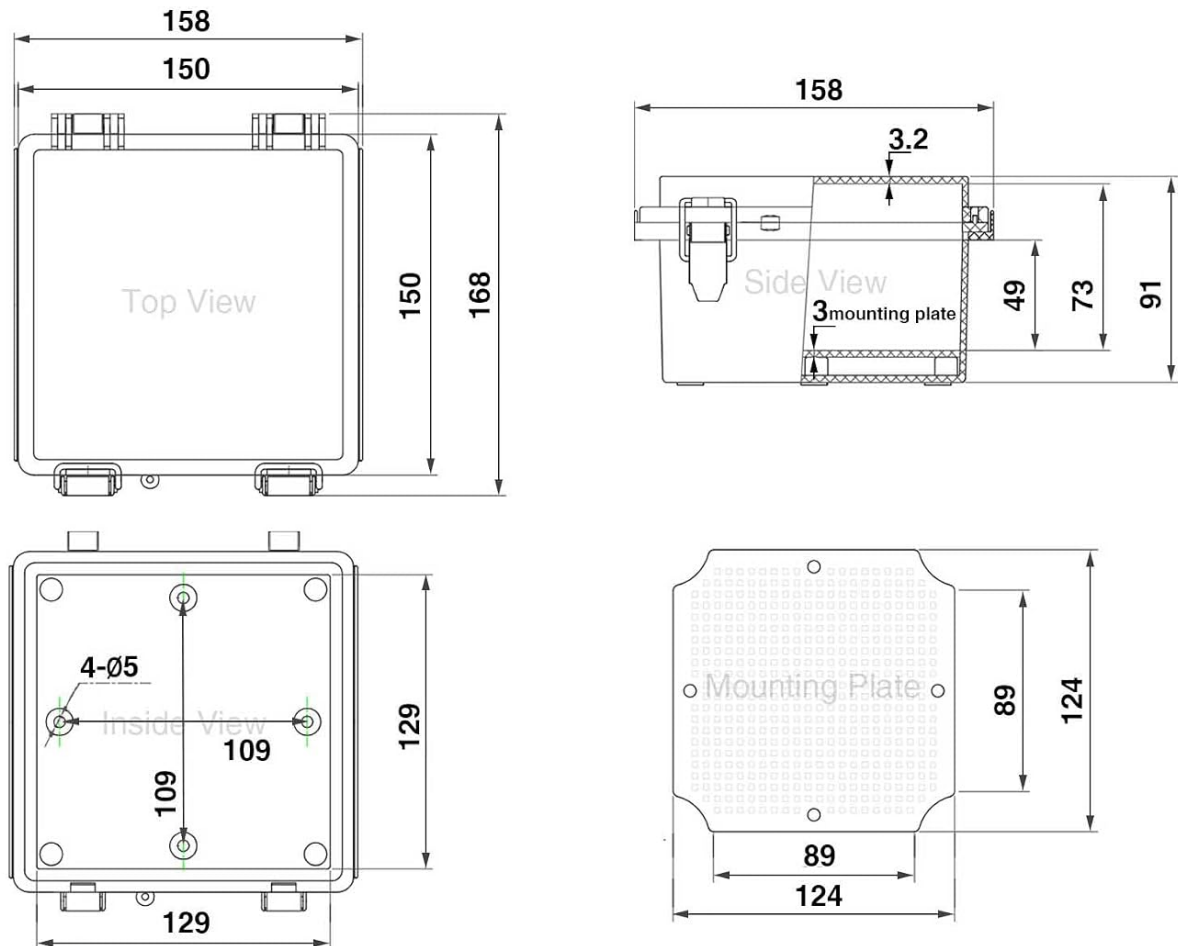
8. SPECIFICATIONS

Attribute	Value
Brand	QILIPSU
Model Number	QL-151509AGH
External Dimensions (L x W x H)	5.9" x 5.9" x 3.5" (150mm x 150mm x 90mm)
Material	ABS Plastic
Color	Grey Cover
IP Rating	IP67
Installation Type	Wall Mount, Pole Mount
Item Weight	0.07 Kilograms (2.39 ounces)

Attribute	Value
UPC	787446415239

More view, less trouble

Internal Dimension



Ensure the Perfect Fit: Before you make the purchase

Please take a moment to double-check the dimensions. This simple step can save you both time and money, preventing the hassle of returns and ensuring you get exactly what you need.

(Dimension Tolerance Range: 2mm)

Figure 8.1: Dimension drawing for the QILIPSU Waterproof Junction Box.

9. WARRANTY INFORMATION

Specific warranty details are not provided in the product information. For warranty inquiries, please contact QILIPSU directly through their official support channels or the retailer from whom the product was purchased.

10. SUPPORT

For any questions, technical assistance, or further information regarding your QILIPSU Waterproof Junction Box, please do not hesitate to contact QILIPSU customer service. Contact information can typically be found on the product packaging or the official QILIPSU website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question