

## Marinco 6371EL-B

# Marinco 6371EL-B 50Amp/125V Stainless Steel Power Inlet User Manual

Model: 6371EL-B

## 1. INTRODUCTION

---

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Marinco 6371EL-B 50Amp/125V Stainless Steel Power Inlet. Please read these instructions thoroughly before proceeding with installation or use.

## 2. SAFETY INFORMATION

---

**WARNING:** Electrical installations should only be performed by qualified personnel. Failure to follow these instructions can result in electric shock, fire, or serious injury.

- Always disconnect shore power before installing or servicing the power inlet.
- Ensure all wiring complies with applicable electrical codes and standards (e.g., ABYC for marine applications).
- Verify correct voltage and amperage ratings before connecting any equipment.
- Do not operate the inlet if it appears damaged.

## 3. PRODUCT FEATURES

---

The Marinco 6371EL-B power inlet is designed for marine environments, offering durability and ease of use.

- **Easy Lock™ System:** Facilitates quick and secure cordset connection with a quarter-turn locking ring, ensuring a watertight seal and preventing cross-threading.
- **Hinged Cover:** Designed to stay open during cord connection, keeping it out of the way.
- **Corrosion Resistance:** Nickel-plated brass contacts and marine-grade stainless steel interior hardware ensure maximum resistance to corrosion.
- **Durable Rear Enclosure:** Constructed from flame-resistant UL94V0 glass-filled polyester for

strength and compliance with ABYC strain relief requirements.

- **Multiple Installation Positions:** Allows for flexible mounting options.



*Figure 1: Maringo 6371EL-B 50Amp/125V Stainless Steel Power Inlet. This image shows the power inlet with its white threaded barrel and the chrome-plated faceplate, clearly displaying "MARINCO STAINLESS 50A 125V GROUNDING". The hinged cover is visible in the open position.*

## 4. SETUP AND INSTALLATION

---

Proper installation is crucial for the safe and reliable operation of your power inlet.

1. **Select Location:** Choose a mounting location that is easily accessible, protected from excessive moisture, and allows for proper cable routing.
2. **Prepare Mounting Surface:** Cut an appropriate opening for the inlet body. Refer to the product template (if provided with packaging) for exact dimensions.
3. **Wiring:**
  - Ensure shore power is disconnected at the source.
  - Connect the appropriate gauge marine-grade wiring to the inlet terminals. Follow the wiring diagram provided with the product or consult a qualified electrician.
  - Utilize the integral strain relief within the rear enclosure to secure the wiring, complying with ABYC requirements.
4. **Mounting:** Secure the inlet to the mounting surface using appropriate fasteners. Ensure a watertight seal around the perimeter of the inlet.

5. **Final Check:** Before restoring power, double-check all connections for tightness and correct polarity.

## 5. OPERATING INSTRUCTIONS

---

Connecting and disconnecting your shore power cord using the Easy Lock™ system.

### 1. Connecting the Cordset:

- Lift the hinged cover of the power inlet. The cover is designed to stay open.
- Align the cordset (equipped with an Easy Lock™ locking ring) with the inlet.
- Insert the cordset into the inlet.
- Turn the locking ring less than a quarter turn clockwise. The tabs on the locking ring will engage with the inlet, creating a positive, watertight connection.

### 2. Disconnecting the Cordset:

- Ensure power is disconnected at the source (e.g., circuit breaker on the boat).
- Grasp the locking ring of the cordset and turn it counter-clockwise to disengage the tabs.
- Pull the cordset straight out from the inlet.
- Close the hinged cover to protect the inlet when not in use.

## 6. MAINTENANCE

---

Regular inspection and maintenance will ensure the longevity and safe operation of your power inlet.

- **Periodic Inspection:** Regularly check the inlet for any signs of corrosion, damage, or wear. Pay close attention to the contacts and the locking mechanism.
- **Cleaning:** Clean the exterior of the inlet with a mild soap and fresh water solution. Avoid abrasive cleaners or solvents.
- **Contact Care:** Ensure electrical contacts are clean and free of debris. Do not use lubricants or dielectric grease unless specifically recommended by Marinco.
- **Cover Functionality:** Verify that the hinged cover opens and closes smoothly and provides a secure seal when closed.

## 7. TROUBLESHOOTING

---

Problem	Possible Cause	Solution
No power at the boat	Shore power not connected properly; tripped breaker; faulty cordset.	Ensure cordset is fully engaged and locked. Check shore power pedestal breaker and boat's main breaker. Inspect cordset for damage.
Cordset difficult to connect/disconnect	Debris in inlet; damaged locking ring; cross-threading.	Inspect inlet for obstructions. Ensure proper alignment before turning the locking ring. If damaged, replace the cordset or inlet.
Water ingress around inlet	Improper installation seal; damaged gasket; cordset not fully locked.	Re-seal the inlet during installation. Check and replace any damaged gaskets. Ensure cordset is fully engaged and locked.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Marinco
Model Number	6371EL-B
Amperage	50 Amps
Voltage	125 Volts
Plug Format	NEMA 14-50P
Material	Stainless Steel (faceplate), Plastic (rear enclosure)
Color	Black (rear enclosure)
Specification Met	UL, ABYC (strain relief)
Item Weight	1.75 pounds
ASIN	B011LNIXK8
UPC	093344007439

## 9. WARRANTY INFORMATION

Marinco products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Marinco website. Keep your proof of purchase for warranty claims.

## 10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact Marinco customer support. Contact details can typically be found on the manufacturer's website or product packaging.

**Marinco Official Website:** [www.marinco.com](http://www.marinco.com)