

VoltSense P2 – Getting Started Guide

Thank you for choosing VoltSense P2, the smart monitoring solution for your boat.

This guide will help you install and connect your new P2 device safely and correctly.

1. Package Contents

- VoltSense P2 device
- 1.5 m pre-wired harness (Bat1, Bat2, Bat3, Bilge, Ground)
- Press-on wire connector (for bilge monitoring)

 **Note:** Mounting hardware is **not included**. Please select suitable marine-grade screws, brackets, or adhesives appropriate for your boat.

2. Safety Notes

- Always disconnect power before installing new connections.
 - Ensure all connections are secure and protected from water exposure.
 - Verify that your boat's electrical system shares a **common negative** to prevent malfunction.
-

3. Wiring the Device

3.1 Battery Connections

1. Bat1 (House Battery):

Connect the Bat1 (red) wire to the **positive (+)** terminal of the boat's house battery.

2. Bat2 (Engine 1 Battery):

Connect the Bat2 (red) wire to the **positive (+)** terminal of Engine 1 battery.

3. Bat3 (Engine 2 Battery – optional):

If your boat has a second engine, connect the Bat3 (red) wire to the **positive (+)** terminal of Engine 2 battery.

4. Ground Connection:

Connect the **black negative (–) wire** to the batteries' common negative terminal.

 Ensure all batteries share the same negative ground for safe operation.

3.2 Bilge Pump Monitoring (Optional)

If you wish to enable bilge pump monitoring:

1. Locate the bilge pump manual switch wire or the bilge notification light **positive (+)** wire.
 2. Use the supplied press-on wire connector to connect the **red bilge wire** from P2.
 3. If the connection point is far from the P2 device, extend the wire using a marine-grade extension cable.
-

4. Mounting the Device

1. Choose a suitable location inside the boat (hull or furniture).
 2. The P2 can be mounted **vertically or horizontally**.
 3. Ensure the wiring harness reaches the chosen location without strain.
 4. Secure the device with **mounting hardware of your choice**.
 - ⚠ Use only marine-grade screws, brackets, or adhesives suitable for your boat.
 - The integrated G-sensor detects movement and impacts. For best results, the device should remain in a **stable position**.
 - 🌐 As P2 uses **satellites for positioning**, choose a location where there are **no metal plates directly above** the device. GPS signals pass well through **plastic or fiberglass**, but may be blocked by metal surfaces.
-

5. Final Connections

1. Plug the cable connector into the P2 device.
 2. The P2 will automatically **wake up from shipping mode** once connected.
-

6. App Setup

1. Download the **VoltSense App** from the App Store or Google Play.
2. Log in using the **account information** provided with your P2 device.
3. Follow the in-app instructions to pair and activate monitoring.

📖 For detailed app setup instructions, please refer to the **VoltSense App User Manual** included separately.

✅ Installation is now complete. Your VoltSense P2 is ready to monitor your boat's critical systems.