

2026 Underwater Solutions: Underwater ROV by CHARPIE

1. Underwater ROV (3 Models)

1.1. Portable Underwater ROV (Battery Powered)

- **Primary Function:** Highly mobile, rapid-response underwater observation.
- **Key Capabilities:**
 - **Independence:** Operates entirely on internal battery power, eliminating the need for bulky external power sources during field missions.
 - **Portability:** Designed for easy transport and deployment by a small team or single operator.
 - **Versatility:** Best suited for short-to-medium duration tasks such as hull inspections, scientific research, and recreational exploration where setup speed is critical.
- **Price:** \$2,499.00 – \$3,483.00.

1.2. Underwater ROV with 220VAC Surface Power Supply

- **Primary Function:** Continuous, long-duration subsea monitoring and heavy-duty inspection.
- **Key Capabilities:**
 - **Unlimited Runtime:** Utilizes a surface power system (220VAC) to provide constant energy, allowing the ROV to remain submerged for days or weeks without resurfacing.

- **Stable Power Output:** Supports power-intensive add-ons like high-lumen lighting and multiple sonar systems that would quickly drain a standard battery.
- **Industrial Reliability:** Ideal for dam inspections, aquaculture monitoring, quay-wall surveys, etc.
- **Price: \$3,660.00 (Current Sale).**

1.3. Mini Pipe ROV (with 1km~5km Optical Tether)

- **Primary Function:** Specialized long-distance penetration for narrow and confined environments.
- **Key Capabilities:**
 - **Extreme Reach:** Equipped with an optical fiber tether supporting distances up to 5000 meters, far exceeding the range of standard copper cables.
 - **Confined Space Navigation:** Features a slim, streamlined profile specifically engineered to enter and navigate internal pipelines, tunnels, and culverts with DN>300mm.
 - **High-Bandwidth Data:** The optical tether ensures zero-latency, high-definition video feedback even at maximum distance, which is critical for identifying structural cracks or blockages in pipes.
- **Price: \$4,890.00 – \$10,890.00.**

2. Sonar and Underwater Positioning (12 Products)

Precision acoustic equipment for navigation, mapping, and object detection. <https://charpierov.com/product-category/sonar/>

1. **DVL Doppler Velocity Log A50 – \$10,600.00**
2. **DVL Doppler Velocity Log A125 – \$14,000.00**
3. **Forward-Looking Imaging Sonar Omniscan450FS (450kHz) – \$3,200.00 – \$3,970.00**
4. **Side Scan Sonar Omniscan450ss (450kHz) – \$6,700.00**
5. **Multibeam Imaging Sonar Sonoptix Echo – \$10,850.00**
6. **M750d Multibeam Imaging Sonar – \$25,400.00**
7. **Ping360 Scanning Imaging Sonar – \$3,500.00**
8. **Mini Pipe Profiling Sonar 2512E – \$16,000.00**
9. **USBL Underwater Positioning System MKII – \$4,700.00**
10. **USBL Underwater Positioning System MKIII – \$7,600.00**
11. **Underwater Altimeter & Single-beam Echo Sounder (SBES) – \$720.00**
12. **Underwater Multibeam Echo Sounder (MBES) & Altimeter – \$6,600.00**

3. ROV Accessories (6 Products)

Essential components to enhance your ROV's capabilities and transport. <https://charpierov.com/product-category/accessories/>

1. **1-Way ROV Manipulator – \$860.00**
2. **Rugged Portable Console for ROV – \$2,180.00**
3. **Neutral Buoyant Tether (per 100m) – \$62.00 – \$148.00**
4. **Li-ion Battery Pack – \$184.00–\$369.00**
5. **Cable Reel (Small) – \$184.00**
6. **Rugged ROV Transportation Case – \$725.00**

** Please verify for official custom quotes.*