

## 2026 Underwater Solutions: Underwater ROV Catalogue

### 1. Underwater ROV (3 Submersible Models)

1.1. Portable Underwater ROV - Battery Powered (up to 2km tether)      Price: \$4,799–\$7,799 (up to 2km tether)

- **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.

1.2. Underwater ROV with 220VAC Surface Power Supply      Price: \$4,799 - \$5,399 (100m~300m tether).

- **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.

## 1.3. Mini Pipe ROV (up to 2km tether)

Price: \$4,799– \$7,799 (up to 2km 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 2000 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.

## 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) – \$150.00 – \$300.00**
4. **Rugged All-in-One Control Console – \$2,180.00**
5. **Li-ion Battery Pack – \$184.00–\$369.00**
6. **Cable Reel (Small) – \$184.00**
7. **Rugged ROV Transportation Case – \$725.00**

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*\* Please verify for official custom quotes. March, 2026*