REMUS 300 - Maximum Flexibility in a Man-Portable UUV

We’re excited to introduce the REMUS 300: our newest small-class Unmanned Underwater Vehicle (UUV). Combining maximum flexibility with portability, the REMUS 300 is designed to meet a wide variety of mission needs. Key features include:

- 300 Meter Rated
- Two-Man Portable, Small Class UUV
- Modular & Reconfigurable
- Open Architecture
- Flexible Energy Options
- Advanced Core Electronics
- HYFleet Graphic User Interface with Simulator
## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>Vehicle Diameter</strong></td>
<td>7.5 in (19 cm)</td>
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<tr>
<td><strong>Vehicle Length</strong></td>
<td>73 - 99 in (1.85 - 2.51 meters) depending on configuration</td>
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<tr>
<td><strong>Weight in Air</strong></td>
<td>80-130 lbs (depending on configuration)</td>
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<tr>
<td><strong>Maximum Operating Depth</strong></td>
<td>305 meters (1000 feet)</td>
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<tr>
<td><strong>Energy &amp; Endurance</strong></td>
<td>1.5 kWh lithium-ion battery module for up to 12 hours of endurance</td>
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<tr>
<td></td>
<td>3.0 kWh lithium-ion battery module for up to 19 hours of endurance</td>
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<tr>
<td></td>
<td>4.5 kWh lithium-ion battery module for up to 29 hours of endurance</td>
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<tr>
<td><strong>Propulsion</strong></td>
<td>Direct drive DC brushless motor</td>
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<tr>
<td><strong>Speed</strong></td>
<td>Up to 5 knots</td>
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<tr>
<td><strong>Control</strong></td>
<td>Improved stability and roll control</td>
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<tr>
<td><strong>Navigation Methods</strong></td>
<td>Long Baseline (LBL), Doppler-assisted dead reckoning, Inertial Navigation System (INS), GPS</td>
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<tr>
<td><strong>Software</strong></td>
<td>REMUS Vehicle Interface Program (VIP) and HYFleet Graphic User Interface</td>
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</table>

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