# Liquid Robotics Wave Glider® SV Series





### The Wave Glider SV Series. Advancing the ability to observe the world's oceans. More data. More often. Over more of the globe.

#### The Wave Glider SV Series

The Wave Glider SV Series represents the next generation of Wave Glider technology and includes the Wave Glider SV2 with a compatible growth path to the high-end Wave Glider SV3. You can now choose the Wave Glider that best fits your mission and budgetary requirements, or mix and match for complex operations.

#### **Tested and Proven**

With over 200 Wave Gliders performing more than four years of customer missions, from the Arctic to Australia, the original Wave Glider has proven itself both reliable and durable. Since 2009, Wave Gliders have traveled

over 300,000 nautical miles globally, and PacX Wave Gliders have set the world distance record for autonomous ocean vehicles. The original Wave Gliders have completed over 100 missions, collected millions of discrete data points, and navigated through five hurricanes and three cyclones, all the while continuously transmitting data.

#### The SV Series Advantage

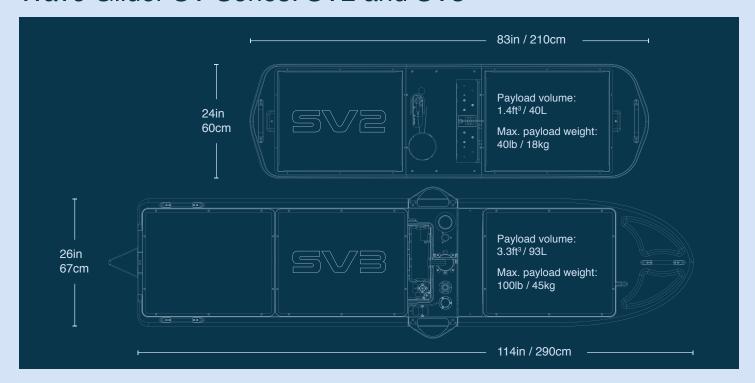
SV Series Wave Gliders—individually or operating in fleets—can travel thousands of miles, carry adaptable payloads, power themselves, and gather, process, and deliver data in real time globally. The Wave Glider SV3 and

the enhancements to the Wave Glider SV2 will enable 24/7/365, all-weather operations at a daily cost of up to 90 percent less than today's data collection alternatives, while complementing and improving the efficiency of ships, buoys, satellites and aircraft.

## **Revolutionizing Ocean Observation. Again.**

The reliability and durability of the Wave Glider has helped make Liquid Robotics the leader in delivering mobile ocean surface observations. The Wave Glider SV Series builds on this foundation to provide an expanded range of options, and unique advantages for global ocean observation.

### Wave Glider SV Series: SV2 and SV3



### A solution to fit your requirements

ENVIRONMENT	Wave Glider SV2	Wave Glider SV3
Moderate ocean conditions (Sea State 1-4)	•	•
Severe weather (e.g. hurricanes - up to Sea State 8)*	•	•
Fringe conditions (glassy seas, currents, no sun)		•
PAYLOAD		
Multiple sensors	6 (typical)	12+
Plug & Play payloads		•
At-sea upgrades	•	•
High-performance navigation computer		•
High-performance payload computers	1-2	1-24+
High-speed networking (WiFi, cellular)	option	standard
OPERATIONS		
Operate for years at sea – no fuel/emissions/crew**	•	•
Optimized for coordinated fleet operations		•
Towing ability	capable	optimized
Small and medium vessel operations	•	•
Designed for high deck ship recovery		•
* With short duration **With regularly scheduled maintenance		





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