## The Wave Glider

The Wave Glider uses the latest advancements in energy harvesting and propulsion to enable a mobile sensor-hosting platform that can operate over long durations in the open ocean. The combination of wave-propulsion and stored solar energy enables persistence, continuous data collection, and real-time communications.

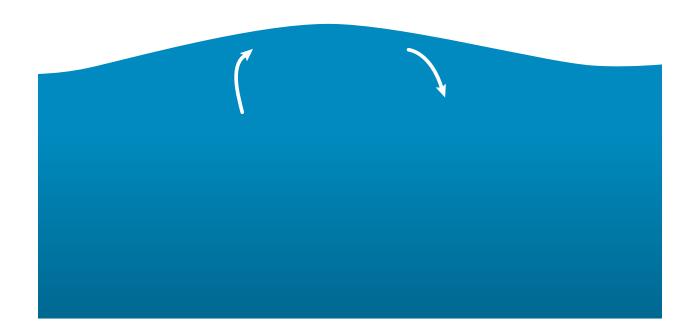
## No Need for Fuel or a Crew

The Wave Glider converts wave motion into propulsion using a unique two-part architecture that leverages the dierence in motion at the ocean surface and below.

## And an Extra Boost from the Sun

A solar energy system powers sensors, communications, and enables a thruster propulsion system that provides additional navigational agility and thrust for challenging ocean conditions.

- Water Speed: Typical 1.3kts
- Battery Capacity: .9 6.8kWh rechargeable
- Avg. Continuous Power: 5 20W (surge capability available)
- Max Solar Collection: 192W (nominal)



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