

# The Wave Glider

Transform How You Understand the Ocean



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 difference 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)





