

# WATERBOAT

Energy-independent Eco-friendly Unmanned WaterBoat





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## ✔ Product Overview

| 「WaterBoat」, An innovative eco-friendly boat which produces hydrogen using a water electrolysis device powered by solar energy and uses it as fuel

| Provides sustainable and eco-friendly navigation by producing and storing its own energy without external power supply



Self contained oceanic drone and method for oceanographic survey and surveillance

Patent registered : Korea (10-2005805), USA (11,014,837), China (ZL201910486263.0), Japan (6829743)



## ✔ Key Features





## ✔ Product Features

### | Eco-friendly boat powered by water



- Produces hydrogen through solar-powered water electrolysis, generates electrical energy via hydrogen fuel cells
- Stores excess energy in batteries for continued operation

### | 1 bottle of water = 1 hour of operation



- Uses next-generation carbon-free fuel for carbon neutrality
- Operates for 1 hour on 1 bottle of water

### | Independent green hydrogen boat



- Develops small boats that can be operated by people through large-scale electrolysis and fuel cell modules
- Customizable manufacturing is possible through proprietary technology

### | Unmanned hydrogen boat



- Acquires weather data from oceans, rivers, etc. custom sensors and equipment for purposes such as firefighting, crime prevention, etc.
- Can be manufactured and utilized for various purposes

## ✔ Specifications

	WB-M1	WB-UM2
Operation Mode	Manned	Unmanned
Electric Motor Output	5.0 BHP	2.0 BHP
Fuel Cell Output	3,000 W	300 W
Weight	3,000 kg	50 kg
Hydrogen Production Rate	40 L/min	4 L/min