

# ePropulsion Test Ride Report

Motors: 2 x Navy 6.0  
Boat: Sun Concept EVO 7.0 Lounge  
Test Date: May 2021  
Testing Personnel: Sun Concept Technical  
Department



## Performance Data

Power (kW)	Speed (mph / kph)	Runtime with no sun (h)	Range (mile / km)
0.2	2.3 / 3.7	74	170 / 274
0.7	3.5 / 5.6	24	83 / 133
1.3	4.6 / 7.4	13	61 / 98
2.2	5.8 / 9.3	7.5	43 / 69
3.6	6.3 / 10.2	2.7	30 / 48
6.2	6.9 / 11.1	1.5	18 / 30
12.0	7.6 / 12.2	1.4	11 / 17

## Test Condition

Number of People 2  
Temperature (°C / °F) 25° C / 77° F  
Weather Clear, Light Wind, Some Current  
Configuration Twin Navy 6.0s  
Location Ria Formosa, Olhão, Algarve, Portugal

## Engines

Max Power: 2 x 6.0 kW  
Battery Capacity: 27.8 kWh  
Weight: 27.7 kg / 61.0 lbs.  
Control: Remote / Steering Cable

## Propellers

Diameter x Pitch: 340 mm (13.4") / 8.5"  
Rated RPM: 1550  
Number of Blades: 3  
Propeller Material: Plastic

## Boat

Length: 6.95 m / 23 ft  
Beam: 2.40 m / 7.9 ft  
Dry Weight: 1935 kg / 4266 lbs  
Hull: GRP monohull

## Boat Manufacturer



## Disclaimer

Your boat's performance may be different than the information contained in this test ride report due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, etc. The information and data contained in this test ride report are provided as a guideline only. ePropulsion reserves the right to change the specifications and performance data of this test report without notice.

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