

# ePropulsion Test Ride Report

Motor: Spirit 1.0  
Boat: West Marine RU-250 Roll-Up  
Test Date: 17-Jul-2019  
Testing Personnel: Ken Dodds



## Performance Data

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
35	1.9 / 3.1	28:36	55.3 / 90.2
65	2 / 3.3	15:18	31.3 / 51.7
150	2.7 / 4.3	8:00	21.6 / 34.4
250	3.6 / 5.8	4:00	14.4 / 23.2
500	3.9 / 6.3	2:00	7.8 / 12.6
750	4.3 / 7	1:18	5.8 / 9.5
1000	4.5 / 7.3	1:00	4.5 / 7.3

## Test Condition

Number of People 1  
Temperature (°C / °F) 24 / 75  
Weather Cloudy  
Configuration 1  
Location Newport Beach Harbor, CA, USA  
Test Video

## Spirit 1.0

Max Power (W) 1000  
Battery Capacity (Wh) 1018 (Spirit Battery \* 1)  
Control Tiller

## Propeller

Diameter × Pitch (cm / in.) 28 × 14.7 / 11 × 5.8  
Rated RPM 1200  
Number of Blades 2  
Propeller Material fiber-reinforced nylon

## West Marine RU-250

Length (mm / ft.) 2400 / 8  
Beam (mm / in.) 1473 / 58  
Dry Weight (kg / lbs.) 23.6 / 52  
Hull Inflatable  
Transom Height (mm / in.) 406 / 16

## Boat Manufacturer

West Marine  
West Marine P.O. Box 50070  
Watsonville, CA, USA  
[www.westmarine.com](http://www.westmarine.com)



## 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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