

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



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.

For more information please visit: www.epropulsion.com