

ePropulsion Test Ride Report

Motor: Spirit 1.0

Boat: Liteboat LiteXP

Test Date: 2019.8.04

Testing Personnel: Aldo Cavani



Performance Data

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
35	1.7 / 2.7	18:54	31 / 51
65	2.2 / 3.5	10:00	21.7 / 35
125	3.1 / 5	6:30	20.2 / 32.5
250	3.5 / 5.7	3:06	11 / 17.7
500	4.8 / 7.8	2:00	9.7 / 15.6
750	5.7 / 9.2	1:18	7.5 / 12
1000	6.1 / 9.8	1:00	6 / 9.8

Test Condition

Number of People	2
Temperature (°C / °F)	27 / 80.6
Weather	Windy F1-F2
Configuration	Single
Location	Gulf of Piran, Slovenia, Croatia

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

Liteboat LiteXP

Length (mm / ft.)	5990 / 20
Beam (mm / in.)	1780 / 70
Dry Weight (kg / lbs.)	150 / 331
Hull	Rigid
Transom Height (mm / in.)	200 / 7.9

Boat Manufacturer

Liteboat
284, Rue de la Viscamine, Pontcharra,
Auvergne-Rhône-Alpes 38530, France
<https://www.liteboat.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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