

ePropulsion Test Ride Report

Motor: Spirit 1.0 Plus

Boat: Twin Troller X10

Test Date: 2020.9.7

Testing Personnel: Gerald Browne



Performance Data

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
35	1.6 / 2.6	36:25	58.3 / 93.8
65	2 / 3.2	19:35	39.3 / 63.2
150	2.7 / 4.3	10:00	27 / 43
250	3.1 / 5	5:00	15.5 / 25
500	3.7 / 6	2:30	9.25 / 15
750	4 / 6.3	1:40	6.8 / 10.9
1000	4.2 / 6.8	1:15	5.4 / 8.7

Test Condition

Number of People	2
Temperature (°C / °F)	24 / 76
Weather	Sunny, wind at 11 mph
Configuration	1
Location	Merrimack River, Hooksett, N.H, USA

Spirit 1.0 Plus

Max Power (W)	1000
Battery Capacity (Wh)	1276 (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

Twin Troller X10

Length (mm / ft.)	3048 / 10
Beam (mm / in.)	1219 / 48
Dry Weight (kg / lbs.)	79 / 175

Boat Manufacturer

Freedom Electric Marine
PO Box 1824
Angier, NC 27501
www.freedomelectricmarine.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