

ePropulsion Test Ride Report

Motor: Navy 6.0

Boat: Quintrex 420 Explorer

Test Date: 2019.08.22

Testing Personnel: Mathew Flynn



Performance Data

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
210	2.8 / 4.5	28:36	80 / 128.75
390	3.6 / 5.8	15:18	54.8 / 88.2
750	4.5 / 7.2	8:00	35.8 / 57.6
1500	5.4 / 8.7	4:00	21.6 / 34.8
3000	6.6 / 10.6	2:00	12.5 / 20.1
4500	7 / 11.3	1:18	9.1 / 14.7
6000	7.5 / 12.1	1:00	6.9 / 11.1

Test Condition

Number of People	1
Temperature (°C / °F)	24 / 75.2
Weather	Calm
Configuration	Single
Location	Wilson River, Lismore, New South Wales, Australia

Navy 6.0

Rated Power (W)	6000
Battery Capacity (Wh)	6048 (Navy Battery * 2)
Control	Tiller Control

Propeller

Diameter × Pitch (cm / in.)	34 × 21.6 / 13.4 × 8.5
Rated RPM	1500
Number of Blades	3
Propeller Material	fiber-reinforced nylon

Quintrex 420 Explorer

Length (mm / ft.)	4290 / 14
Beam (mm / in.)	1880 / 34.6
Dry Weight (kg / lbs.)	132 / 291
Transom Height (mm / in.)	500 / 16.7

Boat Manufacturer

Quintrex Australia 53
Waterway Dr, Coomera,
Queensland 4209, AU
<http://www.quintrex.com.au>



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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