

Rapido

40

TEST RIDE REPORT

Boat Specifications

Manufacturer & Model

Rapido
40 (2023)

RAPIDO
TRIMARANS

Length	Beam	Hull Draft
14.00m 45.9ft (LOA)	9.00m 29.5ft (BOA)	1.50m 4.9ft

Boat Type	Hull Type
Sailboat (Multihull) Coastal Waters	Semi Displacement

Boat Weight	Batteries Weight	Motor Weight
5,200 kg 11,464 lbs	198 kg 437 lbs	62 kg 137 lbs

Test Conditions

Tested By
Adam Wrightson
29th May 2025

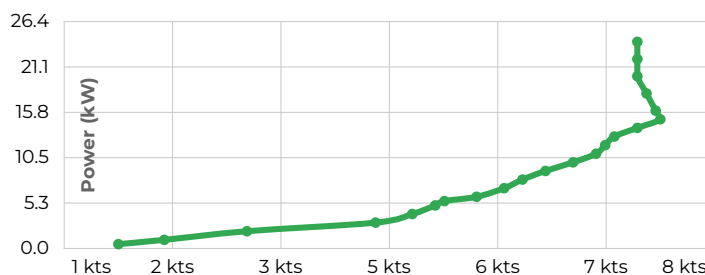
Listed By
Evocean NZ

EVOCEAN
ELECTRIC
POWER & PROPULSION

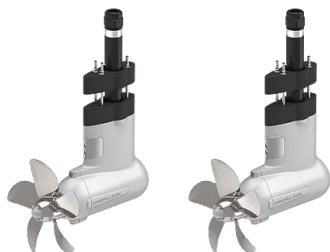
Location	People onboard
Waitamata Harbour - New Zealand	x 2 200 kg 441 lbs

Weather	Total Weight
18.0 °C - Fine	5,660 kg 12,478 lbs

Power	Speed	Runtime	Range
0.5 kW	1.5 kts	40h 58m	59.7 nm
1.0 kW	2.0 kts	20h 29m	40.9 nm
2.0 kW	3.0 kts	10h 14m	30.4 nm
3.0 kW	4.5 kts	6h 50m	30.6 nm
4.0 kW	4.9 kts	5h 07m	25.2 nm
5.0 kW	5.2 kts	4h 06m	21.3 nm
5.5 kW	5.3 kts	3h 43m	19.7 nm
7.0 kW	6.0 kts	2h 56m	17.6 nm
8.0 kW	6.2 kts	2h 34m	15.9 nm
9.0 kW	6.5 kts	2h 17m	14.8 nm
10.0 kW	6.8 kts	2h 03m	13.9 nm
11.0 kW	7.1 kts	1h 52m	13.2 nm
12.0 kW	7.2 kts	1h 43m	12.3 nm
14.0 kW	7.6 kts	1h 28m	11.0 nm
15.0 kW	7.8 kts	1h 22m	10.7 nm
16.0 kW	7.8 kts	1h 17m	10.0 nm
18.0 kW	7.7 kts	1h 08m	8.7 nm
20.0 kW	7.6 kts	1h 01m	7.7 nm
22.0 kW	7.6 kts	0h 56m	7.0 nm
24.0 kW	7.6 kts	0h 51m	6.4 nm



Propulsion System



2 x Pod Drive 12 eSSA
Total Power: 24 kW



2 x G102-100 Battery
Total Capacity: 20.5 kWh

2 x Unknown Propeller
D: mm P: mm

