

Polboat

PolLux

TEST RIDE REPORT



Boat Specifications

Manufacturer & Model

Polboat

PolLux (2022)

POL

Length

7.80m 25.6ft (LOA)

Beam

2.50m 8.2ft (BOA)

Hull Draft

0.60m 2.0ft

Boat Type

Powerboat (Open / Console)

Hull Type

Displacement

Catamaran

Boat Weight

852 kg 1,878 lbs

Batteries Weight

174 kg 384 lbs

Motor Weight

74 kg 162 lbs

Test Conditions

Tested By

Gustav Larsson
4th June 2025

Listed By

KGK Motor AB

KGK
MOTOR

Location

Stockholm - Sweden

People onboard

x 1 100 kg 220 lbs

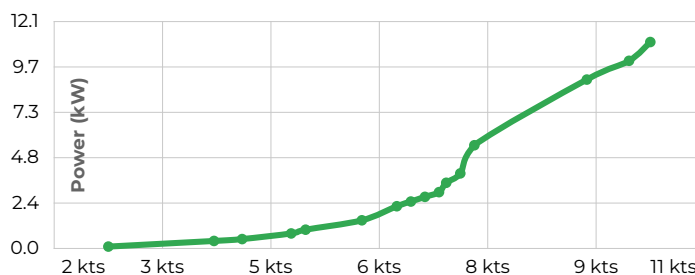
Weather

18.0 °C - Wind less than 2m/s,
Waves less than 0.2m

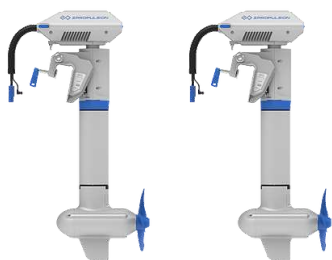
Total Weight

1,200 kg 2,645 lbs

Power	Speed	Runtime	Range
0.1 kW	2.3 kts	179h 12m	412.2 nm
0.4 kW	3.8 kts	44h 48m	170.3 nm
0.5 kW	4.2 kts	35h 50m	150.6 nm
0.8 kW	4.9 kts	22h 24m	109.7 nm
1.0 kW	5.1 kts	17h 55m	91.4 nm
1.5 kW	5.9 kts	11h 57m	70.5 nm
2.3 kW	6.4 kts	7h 58m	50.9 nm
2.5 kW	6.6 kts	7h 10m	47.3 nm
2.8 kW	6.8 kts	6h 31m	44.3 nm
3.0 kW	7.0 kts	5h 58m	41.8 nm
3.5 kW	7.1 kts	5h 07m	36.4 nm
4.0 kW	7.3 kts	4h 29m	32.7 nm
5.5 kW	7.5 kts	3h 16m	24.5 nm
9.0 kW	9.1 kts	1h 59m	18.1 nm
10.0 kW	9.7 kts	1h 47m	17.4 nm
11.0 kW	10.0 kts	1h 38m	16.3 nm



Propulsion System



2 x NAVY 6.0 Evo Longshaft

Total Power: 12 kW



2 x E175 battery

Total Capacity: 17.9 kWh



2 x NAVY 6.0 Low Pitch Propeller

D: 340.00mm P: 216.00mm

