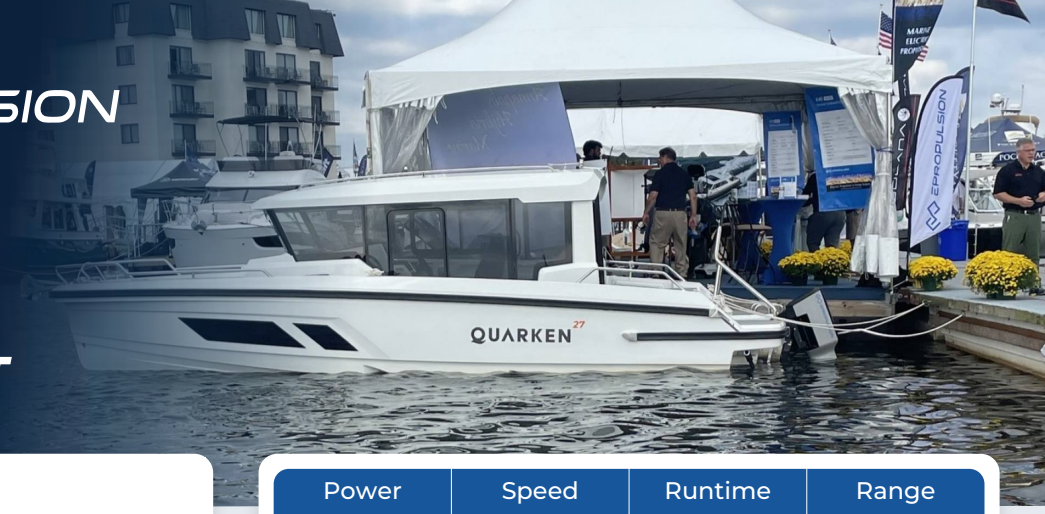
EPROPULSION

Quarken
27 Cabin

TEST RIDE REPORT



Boat Specifications

Manufacturer & Model

QUARKEN

Quarken

27 Cabin (2022)

Length	Beam	Hull Draft
8.30m 27.2ft (LOA)	**2.50m** 8.2ft (BOA)	**0.85m** 2.8ft

Boat Type	Hull Type
Canal Boat / Houseboat	Planing **Monohull**

Boat Weight	Batteries Weight	Motor Weight
3,401 kg 7,498 lbs	**594 kg** 1,310 lbs	**106 kg** 234 lbs

Test Conditions

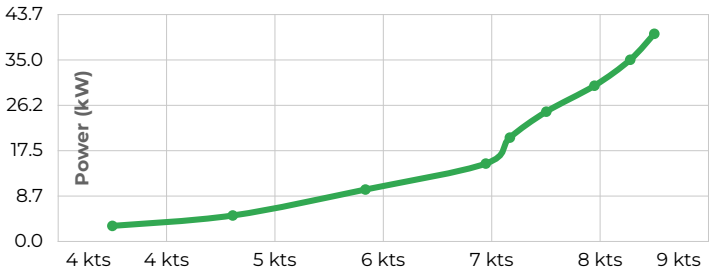
Tested By	Listed By
Alex Talochino **28th November 2025**	**Mack Boring**

MACK BORING & PARTS CO.

Location	People onboard
ANNAPOLIS MD 21403 - United States	**x 3** 299 kg 659 lbs

Weather	Total Weight
-	**4,400 kg** **9,700 lbs**

Power	Speed	Runtime	Range
3.0 kW	4.0 kts	20h 29m	81.9 nm
5.0 kW	5.0 kts	12h 17m	61.4 nm
10.0 kW	6.1 kts	6h 08m	37.5 nm
15.0 kW	7.1 kts	4h 06m	29.1 nm
20.0 kW	7.3 kts	3h 04m	22.4 nm
25.0 kW	7.6 kts	2h 28m	18.7 nm
30.0 kW	8.0 kts	2h 03m	16.4 nm
35.0 kW	8.3 kts	1h 46m	14.6 nm
40.0 kW	8.5 kts	1h 32m	13.1 nm



Propulsion System



1 x X40 Electric Outboard Motor-XL

Total Power: 40 kW



6 x G102-100 Battery

Total Capacity: 61.4 kWh



1 x X20/X40 Propeller 13 3/8" x 16 3/4" RH

D: 340.00mm P: 425.00mm

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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QUARKEN 27
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