

RAND MANA 23

TEST RIDE REPORT

Boat Specifications

Manufacturer & Model

RAND

MANA 23 (2025)

RAND

Length

7.10m 23.3ft (LOA)

Beam

2.20m 7.2ft (BOA)

Hull Draft

0.25m 0.8ft

Boat Type

Fishing Boat / Jon Boat

Hull Type

Displacement

Monohull

Boat Weight

680 kg 1,500 lbs

Batteries Weight

198 kg 437 lbs

Motor Weight

48 kg 106 lbs

Test Conditions

Tested By

Emo Electric

7th January 2026

Listed By

Mack Boring

MACK
BORING & PARTS CO.

Location

**East Moriches NY 11940 -
United States**

People onboard

x 2 226 kg 498 lbs

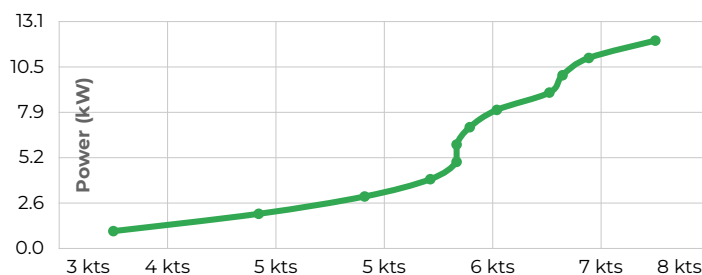
Weather

6.1 °C - Windy

Total Weight

1,152 kg 2,540 lbs

Power	Speed	Runtime	Range
1.0 kW	3.7 kts	20h 29m	74.8 nm
2.0 kW	4.6 kts	10h 14m	47.2 nm
3.0 kW	5.3 kts	6h 50m	36.2 nm
4.0 kW	5.7 kts	5h 07m	29.4 nm
5.0 kW	5.9 kts	4h 06m	24.2 nm
6.0 kW	5.9 kts	3h 25m	20.1 nm
7.0 kW	6.0 kts	2h 56m	17.6 nm
8.0 kW	6.2 kts	2h 34m	15.8 nm
9.0 kW	6.5 kts	2h 17m	14.9 nm
10.0 kW	6.6 kts	2h 03m	13.5 nm
11.0 kW	6.8 kts	1h 52m	12.6 nm
12.0 kW	7.2 kts	1h 43m	12.3 nm



Propulsion System



1 x X12 Electric Outboard Motor-S

Total Power: 12 kW



2 x G102-100 Battery

Total Capacity: 20.5 kWh



1 x X12/P12 Propeller 11 13/16" x 10 5/8" RH
D: 300.00mm P: 270.00mm

