

NAVY SERIES ELECTRIC OUTBOARD



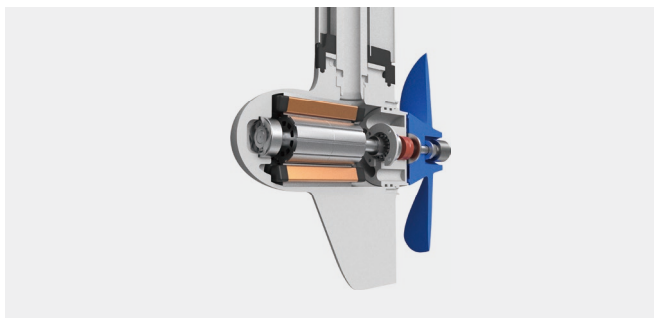
Navy 3.0 Evo / 6HP

Navy 6.0 Evo / 9.9HP

-  Virtually Silent
-  Maintenance-Free
-  No Exhaust
-  No Greasy Dirt

Direct-Drive

Navy series is the only direct-drive electric outboard at this power range. They're made of fewer moving parts, no gearbox required. This means less vibration, noise free and high reliability.



Hydrogeneration

Sailors will love this new feature. Only ePropulsion supplies electric outboard motors that have hydrogeneration functionality in the market.



Specs

	Navy 3.0 Evo	Navy 6.0 Evo
Power	3 kW / 6 HP	6 kW / 9.9 HP
Operation Voltage	48V (Input Range 39V - 60V)	
Max Current Draw	62.5A	125A
Outboard Weight*	24.3 kg / 53.6 lbs (Control weight excluded)	36 kg / 79.4 lbs (Control weight excluded)
Shaft Length	S: 64 cm / 25.2 inches, L: 76.5 cm / 30.1 inches	
Static Thrust	590 N / 132.6 lbs	1243 N / 279.4 lbs (13.4" x 8.5" composite propeller)
Propeller RPM	2300 rpm	1500 rpm
Propeller	10.2" x 6.7" 2-blade composite propeller	12.6" x 10.8" 3-blade composite propeller 13.4" x 8.5" 3-blade composite propeller 12.6" x 8.7" 3-blade aluminum propeller (optional)
Trim / Tilt Angle	0°, 5°, 10°, 15° / 60°	

*The outboard motor weight is measured with the short shaft version, control excluded.

NAVY SERIES ELECTRIC OUTBOARD

48V E-Series Lithium Battery

Original ePropulsion lithium battery made for Navy outboards.



E40 2kWh



E80 4kWh



E175 9kWh



Competitive Price
The unit price is as low as \$0.5 per watt-hour.



High Energy Density
70% less weight and space than lead-acid batteries.



Ultralong Lifespan
3000 cycles at 80% DOD.



ePropulsion Original
Data sync with ePropulsion outboards to apply smart operation strategy.

*The actual battery capacity varies slightly.

Four Evo Controls

You could always find a control that best fits your boat.



Evo Tiller



Evo Top Mount Control



Evo Side Mount Control



Evo Dual Control

Performance Sheet

Navy 3.0 Evo

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
300	3.7 / 6	13:20	49.3 / 79.3
550	4.7 / 7.5	7:25	35 / 56.3
1000	5.3 / 8.6	4:00	21.2 / 34.1
1500	6 / 9.7	2:40	16 / 25.7
2000	6.3 / 10.2	2:00	12.6 / 20.4
2500	8 / 12.8	1:35	12.7 / 20.5
3000	10.2 / 16.4	1:20	13.6 / 21.9

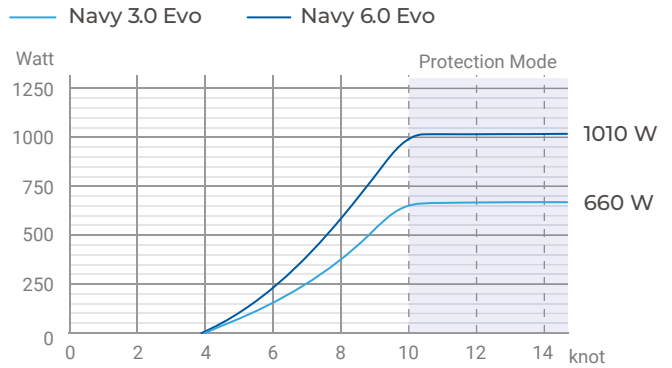
Navy 6.0 Evo

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
500	4 / 6.5	18:00	72 / 116
1000	5 / 8	9:00	45 / 72
2000	6.7 / 10.8	4:30	30.2 / 48.6
3000	8 / 13	3:00	24 / 39
4000	11.5 / 18.5	2:15	25.9 / 41.7
5000	13.5 / 21.8	1:50	24.7 / 39.8
6000	15 / 24.3	1:30	22.5 / 36.5

*The performance data is based on a 12-foot aluminum boat with one person and one Navy 3.0 Evo with E80 battery or one Navy 6.0 Evo with E175 battery in calm lake water. The actual speed, range and running time may vary because of different boats, load, weather, etc.

Hydrogeneration Output

Navy Evo feature hydrogeneration and empower sailors to use renewable energy.



*The hydrogeneration data is based on real tests with the anti-ventilation plate installed.
*Navy 6.0 Evo is tested with the 12.6" x 8.7" three-blade aluminum propeller.

Safety Wristband

In the case of man overboard, the safety wristband will shut down Navy immediately. Navy can connect with up to 8 safety wristbands.



*Safety wristband is compatible with Evo tiller and Evo top mount control only.