

SPIRIT 1.0 Evo | 1 kW

ELECTRIC OUTBOARD

Hydrogeneration for sustainable sailing experiences







Specs

Power	1 kW
Battery Capacity	1276 Wh
Motor Weight*	11.3 kg / 24.9 lbs
Battery Weight	8.7 kg / 19.2 lbs
Battery Life	500 cycles at 80% DOD
Shaft Length	Short: 62.5 cm (24.6 inches) Long: 75 cm (29.5 inches)
Trim / Tilt Angle	0°, 7°, 14°, 21° / 85°
Propeller	11" x 5.8" 2-blade composite propeller

*The weight is measured with short shaft version.



-  Virtually Silent
-  Minimum Maintenance
-  No Exhaust
-  No Greasy Dirt
-  Hydrogeneration

SPIRIT 1.0 Evo | 1 kW ELECTRIC OUTBOARD

Design

1 Floating Battery

It floats so you don't have to worry about losing it in the water.



2 Information Display

Displays real-time power, runtime remaining and voltage.



3 Carry Bag

A carry bag set for both motor and battery. Great for transportation.



4 Foldable Tiller

You just pull out and press down. It's really easy to pack and carry the motor.



5 Solar Charging Up to 180W

Spirit 1.0 Evo allows solar charging when the motor is operating.





6 Steering Helm Compatibility

Spirit 1.0 Evo Remote, a sub-model, works with the steering helm and wireless remote control.



7 48V External Battery

Use ePropulsion 48V E-Series battery to extend the range.

	Runtime	Full-Speed	Half-Speed
	E60 / 3072 Wh	3 Hours	6 Hours
	E163 / 8345 Wh	8 Hours	16 Hours

Performance

Speed & Range

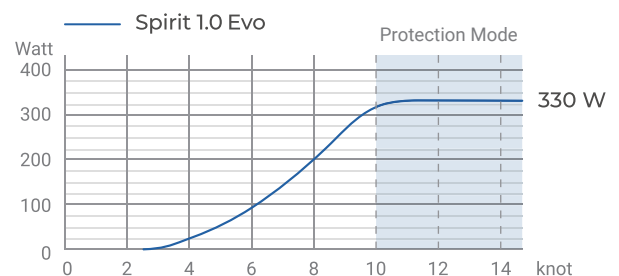
With one charge, you can go 22 miles at an economical throttle.

Power (W)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
35	2.2 / 3.5	36:25	80 / 129
65	2.7 / 4.3	19:35	53 / 85.3
125	3.5 / 5.6	10:00	35 / 56
250	4.4 / 7.1	5:00	22 / 35.5
500	5.3 / 8.5	2:30	13.3 / 21.3
750	5.7 / 9.2	1:40	9.5 / 15.3
1000	6.2 / 10	1:15	7.8 / 12.5

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

Hydrogeneration

The Hydrogeneration is operational between 3 knots to 10 knots. Over 10 knots, Spirit 1.0 Evo will enter protection mode and the recharging power will not go up.



*The Hydrogeneration data is based on real tests with the anti-ventilation plate installed.