

# 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

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### 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

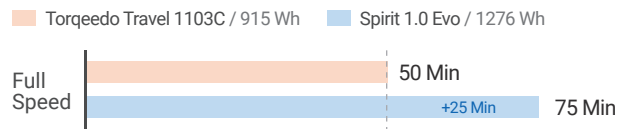
Use ePropulsion 48V E-Series battery to extend the range.



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

#### 8 50% More Runtime

With a 1276Wh large battery, Spirit 1.0 Evo delivers 50% more runtime than Travel 1103C.



\*Full speed runtime data of Torqeedo Travel 1103C is collected from Torqeedo official website.

### Performance

#### Speed & Range

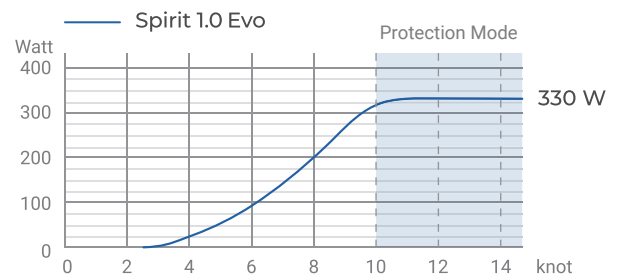
With one charge, you can go 22 miles at an economical throttle.

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.