

# SPIRIT 1.0 PLUS | 3HP

## ELECTRIC OUTBOARD

For dinghy, RIB, sailboat up to 3,300 lbs / 1.5 metric tons.







Introduction  
Video

### Specs

Power	1 kW / 3 hp
Battery Capacity	1276 Wh
Motor Weight*	10.6 kg / 23.4 lbs
Battery Weight	8.7 kg / 19.2 lbs
Battery Life	800 cycles at 80% DOD
Shaft Length	Extra Short: 52.5 cm (20.7 inches) Short: 62.5 cm (24.6 inches) Long: 75 cm (29.5 inches)
Trim / Tilt Angle	0°, 7°, 14°, 21° / 70°
Propeller	11" x 5.8" 2-blade composite propeller

\*The weight is measured with short shaft version.



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

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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 Plus allows solar charging when the motor is operating.



### 6 Steering Helm Compatibility

Spirit 1.0 Evo Remote, a variant of Spirit 1.0 Plus, works with remote steering.



### 7 48V External Battery

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



Runtime	E40 / 2048 Wh	E80 / 4096 Wh	E175 / 8960 Wh
Full-Speed	2 Hours	4 Hours	9 Hours
Half-Speed	4 Hours	8 Hours	18 Hours

### 8 Metal Power Connector

Made of high-quality stainless steel and processed by PVD technology. It's super durable.



## Performance

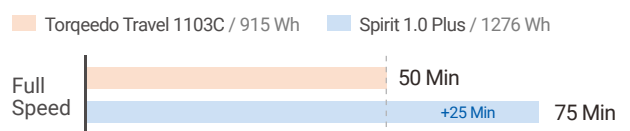
### Speed & Range

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.

### 50% More Runtime

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



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