

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

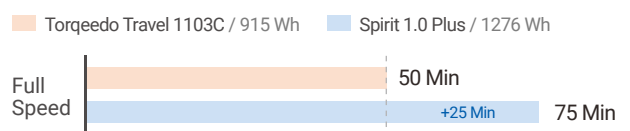
Speed & Range

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.