

EPROPULSION ELECTRIC BOATING



2021 9 Years of Innovative
Electric Boat Drive Systems



CUSTOMER SATISFACTION

"Our focus every single day is to continually improve all aspects of our customer experience."

— Danny Tao
ePropulsion CEO & Co-Founder



Why Electric?



Comfortable Boating

Quiet

It's virtually silent. Perfect for not spooking fish when you are fishing.

Clean

No messy fuel or oil leaks, and therefore no greasy stains on your hands, car trunk or boat.

Exhaust-Free

Keeping you, your family and friends safer and healthier.



User Experience

Reliable

The efficient and innovative motor structure means there are fewer moving parts - making it reliable and robust.

Digitization

Electric start and digital control with real-time operational data available.

Low Maintenance

Significantly lower maintenance required than combustion engines. Maintenance-free on direct-drive models.



Green Mobility

Renewable Energy Sources

Recharge with hydrogeneration, wind turbine and solar panel.

Cost Effective

Save on fuel and maintenance costs which also creates more value to commercial boats over the long-term.

Environmentally Friendly

Enables boaters to access waters where combustion engines are banned.

Why ePropulsion?

Quality Excellence

We collect and analyze quality-related historical and real-time data of our products and machinery in our manufacturing plant. We then utilize that data to build quality profiles and models. We have also built a QA laboratory which has 25 different testing capabilities that can simulate all extreme working and transportation conditions.

Competitive Pricing

ePropulsion is helping to rapidly accelerate the transition to electric propulsion systems in boating and sailing communities. To help this transition, we supply products at competitive prices to help customers make the switch from combustion engines.

Fast Customer Service

Our wide and well-established network of dealers ensures that our customer support is fast and responsive. We are always there for you when you need it – making ownership of our products easy and hassle-free.

Product Innovation

We constantly listen and talk to our customers, to fully understand their needs and to use their knowledge and feedback to help drive the continual innovation of our products. We are proud to say the end result is the best user experience.



INTRODUCING **EVO UPGRADES** ACROSS THE EPROPULSION RANGE.

In 2021, ePropulsion is launching seven all new Evo models. This is the most important product upgrade since the company delivered the first Spirit 1.0 six years ago. The EVO upgrades are as a result of product feedback from thousands of our customers which has enabled us to closely refine and improve our range.



48V Motor Architecture

Each Evo model in the range has been developed on a 48V voltage platform with the same systems protocol.

Benefit: There is excellent compatibility between Evo outboards, Evo pod drives, E-Series batteries, and Evo controls - and therefore flexibility to configure a system that fits your needs.



Safety Wristband

In case of a man overboard situation, the safety wristband immediately shuts down the motor. Each Evo motor can connect with up to 8 safety wristbands.

Benefit: The safety wristband keeps everyone onboard safe, not just the operator attached to the kill switch. This function also keeps you safe when you're alone and not in close proximity to the kill switch.



Hydrogeneration

ePropulsion's Spirit Evo and Navy Evo are the first-ever hydroelectric outboard motors. It's a remarkable green innovation, especially for the sailing community.


Benefit: Hydrogeneration makes sailing trips even more environmentally friendly and sustainable. Much of the time you don't even need to turn on the generator on a sailboat.



📍 Spiez, Switzerland

🔌 **SEALANDER** Powered by Spirit 1.0

“ Enjoy an unforgettable experience on the deep blue waters of Lake Thun. Glide across the sparkling waters and enjoy the sunshine on your face with the Sealander. True relaxation amid the stunning impressive natural scenery and the imposing mountains.

— Tourismus Organisation Interlaken (TOI) 

Product Range

Outboard

Spirit 1.0 Plus
1 kW / 3 HP



Spirit 1.0 Evo
1 kW / 3 HP



Spirit 1.0 Evo Remote
1 kW / 3 HP



Navy 3.0 Evo
3 kW / 6 HP



Navy 6.0 Evo
6 kW / 9.9 HP



Pod Drive

Pod Drive 1.0 Evo
1 kW / 3 HP



Pod Drive

Pod Drive 3.0 Evo
3 kW / 6 HP



Pod Drive 6.0 Evo
6 kW / 9.9 HP



Control

Evo Tiller



Evo Top Mount Control



Evo Side Mount Control



Evo Dual Remote Control



Battery

Spirit Battery Plus
1276 Wh / 48 V



E40 Battery
2048 Wh / 48 V



E80 Battery
4096 Wh / 48 V



E175 Battery
8960 Wh / 48 V



SPIRIT SERIES

3HP / 1276Wh



Spirit 1.0 is ePropulsion's best selling series. It's designed for portability with a 1276 Wh integrated lithium battery.

Specs



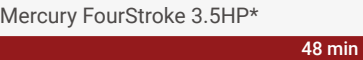
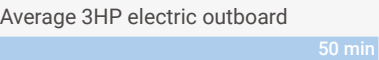
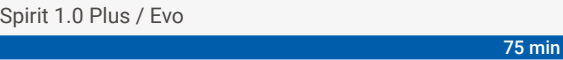
	Spirit 1.0 Plus	Spirit 1.0 Evo	Spirit 1.0 Evo Remote
Power	1000W / 3HP		
Battery Capacity	1276 Wh		
Motor Weight*	10.6 kg / 23.4 lbs	11.3 kg / 24.9 lbs	10.9 kg / 24 lbs
Battery Weight	8.7 kg / 19.2 lbs		
Charging Time	3.5 Hrs (Fast charger) / 8.5 Hrs (Standard charger)		
Battery Life	800 cycles at 80% DOD		
Shaft Length	XS: 52.5 cm / 20.7 inches S: 62.5 cm / 24.6 inches L: 75 cm / 29.5 inches	S: 62.5 cm / 24.6 inches L: 75 cm / 29.5 inches	
Input Voltage	39V - 60V		
Propeller RPM	1200 RPM		
Propeller	11" × 5.8" 2-blade composite propeller		
Trim / Tilt Angle	0°, 7°, 14°, 21° / 70°	0°, 7°, 14°, 21° / 85°	0°, 7°, 14°, 21° / 85°
Hydrogeneration	✗	✓	✓
Safety Wristband	✗	✓	✓
Display Backlight	✗	✓	✓

* The weight is measured by short shaft. The weight of Spirit 1.0 Evo Remote excludes the control.



Long Range

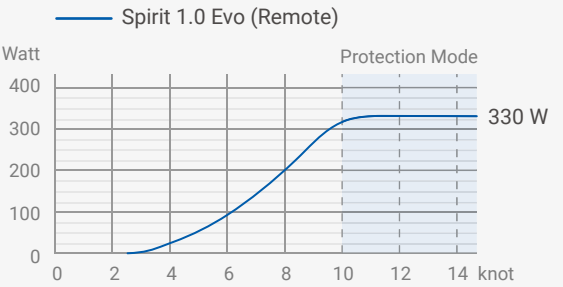
Thanks to the 1276Wh large battery, Spirit 1.0 Plus / Evo has longer range than other gasoline outboards and electric outboards.



*The runtime of Mercury FourStroke 3.5HP is measured with the 0.3 gal (1.1 L) internal fuel tank.

Hydrogeneration

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



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

Design

1 1 1 Magnetic kill switch
In case of emergency, pull out the switch to immediately stop the motor.

2 2 Foldable tiller
Quick to install or pack your Spirit. No need to carry the tiller separately.

3 3 3 Gauge display
Access to battery level, remaining runtime, input power, and voltage, etc.

4 4 4 Charging port
It works with both ac charger and solar charger.

5 5 5 Durable metal connector
Made of stainless steel and processed by pvd technology.

6 6 Safety wristband
In case of man overboard, it immediately shuts down the motor.

7 Evo side mount control
This smooth single lever control works together with a 4.3-Inch gauge display.

8 Evo top mount control
Compact, economical and integrated with a 3.4-Inch display.

9 9 9 Battery pull latch
Making battery installation easy and quick.

10 Steering tube
Works with a mechanical or hydraulic steering helm and the steering link arm.

11 11 11 Anti-corrosion coating
Anodized coating and powder coating which protects the base material from corrosion.



Taking you Further

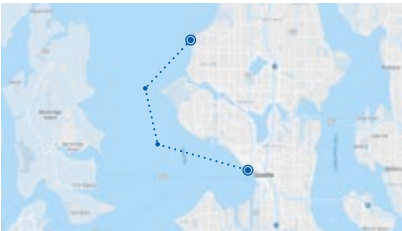
Power (Watt)	Speed (mph / kph)	Running Time (hh:mm)	Range (mile / km)
35	2.2 / 3.5	36:25	80 / 129
65	2.7 / 4.3	19:35	53 / 85.3
125	3.5 / 5.6	10:00	35 / 56
250	4.4 / 7.1	5:00	22 / 35.5
500	5.3 / 8.5	2:30	13.3 / 21.3
750	5.7 / 9.2	1:40	9.5 / 15.3
1000	6.2 / 10	1:15	7.8 / 12.5

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

One Charge to Go 22 Miles

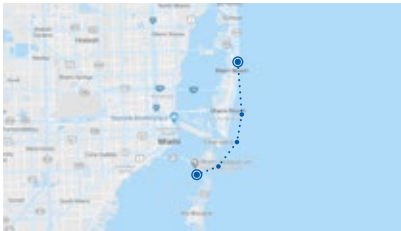
Seattle

Pike Place Market to Golden Gardens Park
Round Trip / 18 Miles



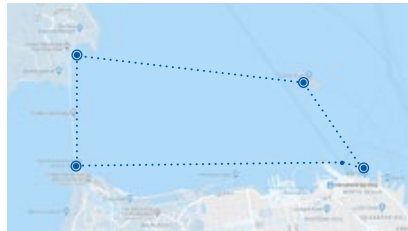
Miami

Miami Seaquarium to North Beach
Round Trip / 17.6 Miles



San Francisco

Golden Gate Bridge to Alcatraz Island to Pier 39
Two Laps / 16 Miles



Spirit Battery

Floating Battery

Removing your battery to take it to and from your boat could mean accidentally dropping it in the water. That's why we developed the Spirit battery to float! You will never lose a battery overboard again.



Solar Charging

Using a solar panel, you can charge your battery up to 180 W while in use. On a sunny day, your battery could last all day if used at the economical power level. An additional benefit is that the solar panel is lightweight and foldable. An additional solar charger is required for this functionality.



Effortless Battery Replacement

To extend the range even further, you can purchase an additional Spirit battery. The battery is secured by a pull latch and changing out your battery usually takes less than 30 seconds. The process is very easy and it is good to know that storing your Spirit battery is safer than other fuels such as petrol/gasoline.





Remote Control

The Spirit 1.0 Evo Remote is the only outboard motor under 5HP that has the benefit of helm steering capability. We believe small outboard motor customers really benefit from this functionality. The built-in steering tube and wireless top mount control make the installation efficient and easy.



Sustainable Sailing

The Spirit range is popular in the one-design sailing and day-sailer communities. As an auxiliary power, the Spirit models are clean, efficient and highly maneuverable - helping sailors leave and return to the marina. Sailors no longer have to worry about having to use messy fuels like gasoline on their sailing trips and can instead enjoy a more sustainable lifestyle.



Portability



The Spirit 1.0 is highly portable weighing in at only 18kg and includes a foldable tiller. You can carefully store your outboard along with its accessories in specially developed carry bags to protect it from damage while being transported.





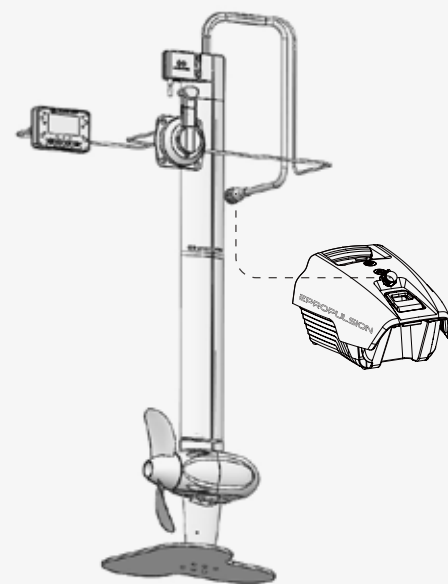
Spirit 1.0 RS 21 Drive

“ You can usually expect some teething issues with new boat designs but the ePropulsion solution has been seamless. Their system works perfectly and is one of the easiest systems we fit on the boat, even when we are retrofitting on boats away from the factory. It's silent, robust and really complements the overall quality of the RS21 package.”

— Alex Southon, RS Sailing CEO 



On June 15, 2019, ePropulsion signed a deal to supply fully-integrated propulsion systems to RS Sailing. The new supply contract covers a bespoke mounting arrangement and integration of ePropulsion's Spirit 1.0 electric motor into a flush-fitting retractable electric drive system onboard the first 60 boats in RS Sailing's fleet of exciting new RS21 keelboat day racers.






Sailing Soulianis Loves Spirit 1.0

“ We've eliminated gasoline completely from our lives with our newest addition, an ePropulsion Spirit 1.0 electric outboard. Living and traveling by the wind and sun is incredibly freeing. We've been able to live off-grid and travel thousands of miles while minimizing our impact on the environment.”

— Lauren & Kirk



Lauren & Kirk are a sailing couple and Spirit 1.0 owners since January 2019. They've been sharing their sailing stories on social media as Sailing Soulianis and have millions of views.

Follow Sailing Soulianis:
 [sailingsoulianis](https://www.youtube.com/sailingsoulianis)  [@sailingsoulianis](https://www.instagram.com/sailingsoulianis)
 <https://sailingsoulianis.com>

Navy 3.0 Evo / 6HP

Navy 6.0 Evo / 9.9HP



Navy series electric outboard motors deliver nimble and efficient power at 6 HP or 9.9 HP depending on the model. Sleek, easy to use and eco-friendly, these outboards will be a staple of your boating experience for years to come.

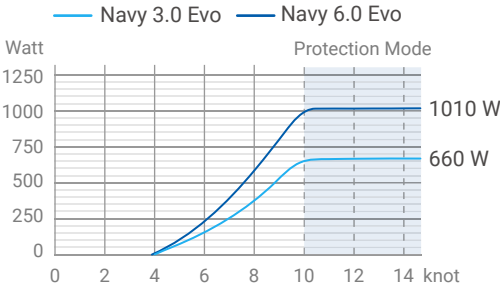
Features

Brushless Direct Drive Motor

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

Both Navy 3.0 Evo and Navy 6.0 Evo feature 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 to 60V)	
Outboard Weight*	24.3 kg / 53.6 lbs	36 kg / 79.4 lbs
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" × 8.5" composite propeller)
Propeller RPM	2300 RPM	1500 RPM
Propeller	10.2" × 6.7" 2-blade composite propeller	12.6" × 10.8" 3-blade composite propeller 13.4" × 8.5" 3-blade composite propeller 12.6" × 8.7" 3-blade aluminum propeller (optional)
Trim / Tilt Angle	0°, 5°, 10°, 15° / 60°	
Hydrogeneration*	✓	✓

* The outboard motor weight is measured with the short shaft version, excluding the control weight.
* The hydrogeneration data is based on real tests with the anti-ventilation plate installed. / Navy 6.0 Evo is tested with a 13.4" × 8.5" three-blade composite propeller.

Taking you Further

Performance & Range


Navy 3.0 Evo (Watt)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)	Navy 6.0 Evo (Watt)	Speed (mph / kph)	Runtime (hh:mm)	Range (mile / km)
300	3.7 / 6	13:20	49.3 / 79.3	500	4 / 6.5	18:00	72 / 116
550	4.7 / 7.5	7:25	35 / 56.3	1000	5 / 8	9:00	45 / 72
1000	5.3 / 8.6	4:00	21.2 / 34.1	2000	6.7 / 10.8	4:30	30.2 / 48.6
1500	6 / 9.7	2:40	16 / 25.7	3000	8 / 13	3:00	24 / 39
2000	6.3 / 10.2	2:00	12.6 / 20.4	4000	11.5 / 18.5	2:15	25.9 / 41.7
2500	8 / 12.8	1:35	12.7 / 20.5	5000	13.5 / 21.8	1:50	24.7 / 39.8
3000	10.2 / 16.4	1:20	13.6 / 21.9	6000	15 / 24.3	1:30	22.5 / 36.5


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

Navy 6.0 Professional Clients



Electric Boat Rental
California, US

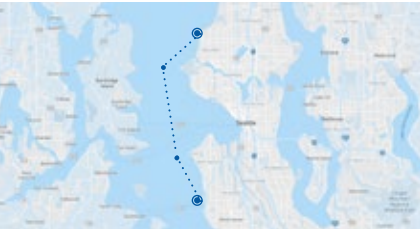


Australian Bass Tournaments
Queensland, Australia

Go with Navy

Seattle

Pike Place Market to Golden Gardens Park

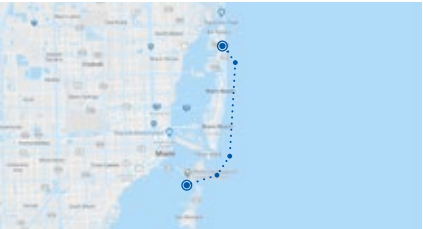


Navy 3.0 Evo + E80 = Round Trip / 24 Miles

Navy 6.0 Evo + E175 = Three Trips / 36 Miles

Miami

Miami Seaquarium to North Beach




Navy 3.0 Evo + E80 = Round Trip / 22 Miles

Navy 6.0 Evo + E175 = Three Trips / 33 Miles



New York


Statue of Liberty to New York Aquarium



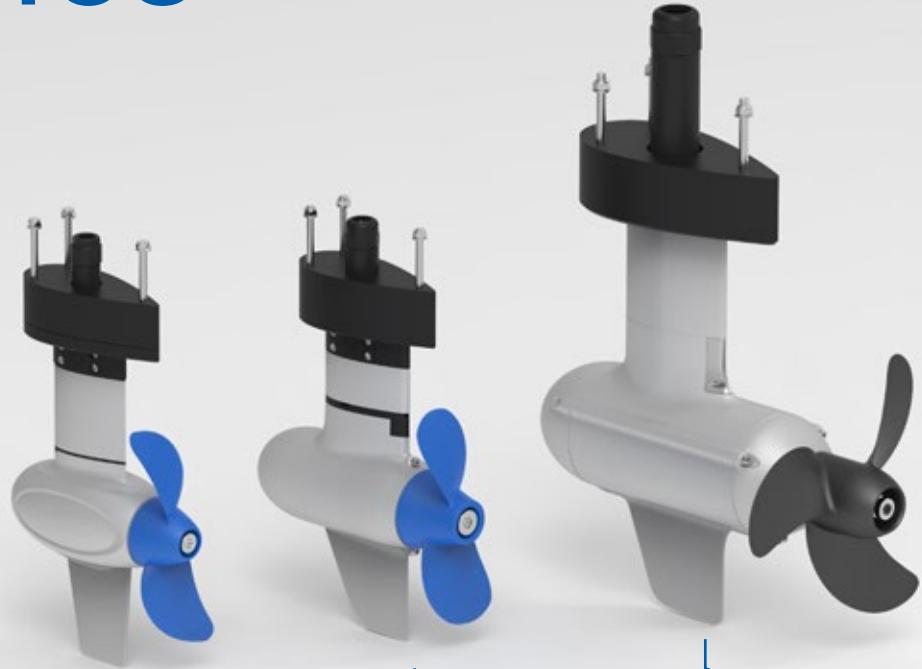
Navy 3.0 Evo + E80 = Round Trip / 22 Miles

Navy 6.0 Evo + E175 = Three Trips / 33 Miles



Little Ferry Co.
Perth, Australia

Pod Drive Series



Pod Drive 1.0 Evo
1kW / 3HP

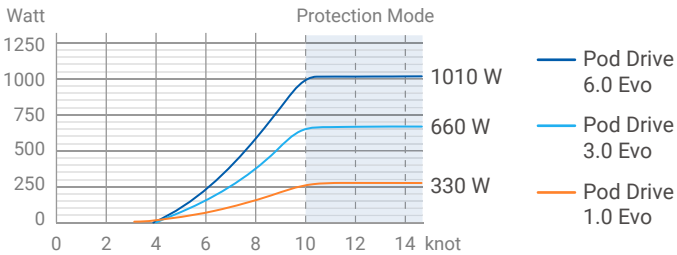
Pod Drive 3.0 Evo
3kW / 6HP

Pod Drive 6.0 Evo
6kW / 9.9HP

- Space-Saving
- Easy to Install
- Quiet
- Maintenance-Free

Hydrogeneration

Sailors will love this new hydrogeneration feature on the Pod Drive Series. Only ePropulsion supplies pod drives that have hydrogeneration function on the market.



Specs



	Pod Drive 1.0 Evo	Pod Drive 3.0 Evo	Pod Drive 6.0 Evo
Power	1 kW / 3 HP	3 kW / 6 HP	6 kW / 9.9 HP
Operation Voltage	48V (Input Range 39V to 60V)		
Weight	6.2 kg / 13.6 lbs	15.3 kg / 33.7 lbs	31kg / 70.4lbs
Static Thrust	316 N / 71 lbs	590 N / 132.6 lbs	1080 N / 242.8 lbs
Propeller RPM	1200 RPM	2300 RPM	1500 RPM
Propeller	11" × 5.8" 2-blade composite propeller	10.2" × 6.7" 2-blade composite propeller	12.6" × 8.7" 3-blade aluminum propeller
Hydrogeneration	✓	✓	✓

48V E-Series Lithium Battery

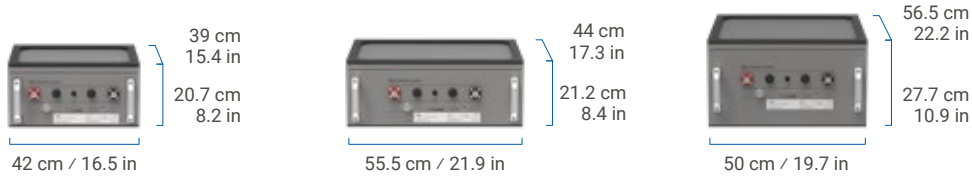
Affordable, safe and durable energy for boats.






Overview


To ensure the best customer experience by eliminating compatibility issues, it is important to supply batteries that work efficiently with ePropulsion boat motors. Our solution is the 48V E-Series battery that works seamlessly with every 48V ePropulsion motor. The lithium iron phosphate chemistry is both safe and stable. It retains over 80% capacity after 3,000 cycles at 80% DoD. The compact size makes it flexible and easy to be use in a wide range of different boats.

Specs




	E40	E80	E175
Capacity	2048 Wh	4096 Wh	8960 Wh
Max Continuous Discharging Current	40 A	80 A	150A
Rated Voltage	51.2 V		
Final charging voltage	57.6 V		
Cut-off voltage	41.6 V		
Battery Life	3000 Cycles at 80% DOD		
Series Connection	×	×	×
Parallel Connection	Up to 16		
Charging Time (110V)	2 Hrs	4 Hrs	One charger: 9 Hrs Two chargers in parallel: 4.5 Hrs
Charging Time (220V)	2 Hrs	3 Hrs	One charger: 6 Hrs Two chargers in parallel: 3 Hrs
Weight	28 kg / 61.7 lbs	48 kg / 105.8 lbs	87 kg / 191.8 lbs
Dimensions	42 x 39 x 20.7 cm 16.5 x 15.4 x 8.2 inches	55.5 x 44 x 21.2 cm 21.9 x 17.3 x 8.4 inches	50 x 56.5 x 27.7 cm 19.7 x 22.2 x 10.9 inches
Recommended Model	 Spirit 1.0 Series, Pod Drive 1.0	 Navy 3.0 Evo, Pod Drive 3.0	 Navy 6.0 Evo, Pod Drive 6.0

Why Choose The E-Series Battery




Affordable cost

Unit price is as low as \$0.5 per watt-hour.




Long life cycles

3000 cycles at 80% DOD.



High energy density

70% less weight and space than a normal lead-acid battery.

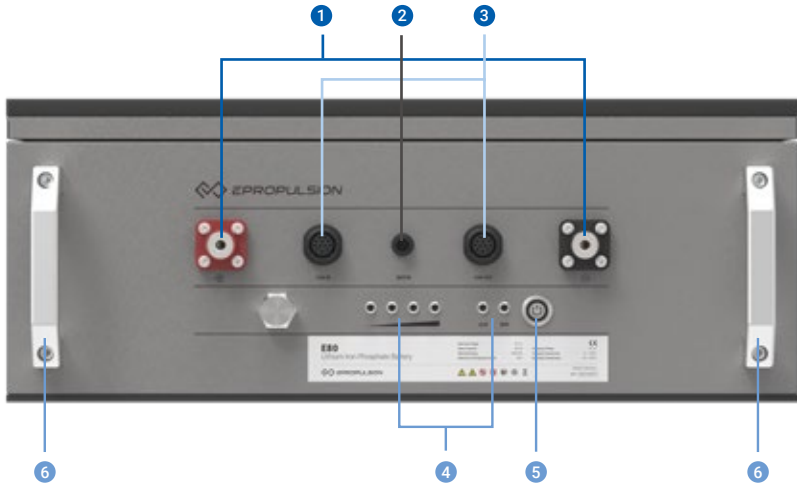


Made for ePropulsion motors

Data is synced with ePropulsion motors to allow a smart operation strategy.

Design

- 1 Discharge and charge port
- 2 Motor communication port
- 3 CAN communication port
- 4 State of charge indicator lights
- 5 Power button
- 6 Removable lift handle



Less Weight, More Capacity, Longer Life

	 X 1	 X 12
	ePropulsion E175	AGM 12V / 92Ah
Number of Batteries	1	12
Rated Capacity	8,960Wh	13,248Wh
Usable Capacity	8,960Wh	Approx. 9,000Wh at 0.65C
Weight	191.8 lbs / 87 kg	756 lbs / 343 kg
Battery Life	3,000 Cycles at 80% DOD	500 Cycles at 80% DOD
Up-Front Cost	\$3,999	\$3,720
Five-Year Cost	\$3,999	\$7,440
Runtime	Navy 6.0 Evo at full throttle for one and half hours.	

E-Series Battery Charger

Wide Input Voltage Range

From 85 VAC to 265 VAC. It's available to use worldwide.

Parallel Connection

Up to 8 units can be used in parallel connection. It's flexible enough to configure for a large capacity battery set.

* The charging power varies between different input voltages. At 220V, the output current is 30A. At 110V, approximately 20A.





ePropulsion offers excellent compatibility between different control systems. They have all been developed under on same system platforms, and work seamlessly with Evo motors and other Evo components.



Evo Tiller

Ergonomic design
3.4-in integrated display with backlight



Evo Remote Control

Wireless connection
3.4-in integrated display with backlight



Evo Side Mount Control

4.3-in separate display with backlight
False triggering protection



2021 New

Evo Dual Remote Control

Sync Mode
Docking Mode
4.3-in separate display with backlight



Safety Wristband 2021 New

Easy-to-use and additional safety.

- Man overboard protection
- Wireless connection
- Waterproof IP67
- Max connection up to 8 wristbands per motor

To make your boating experience even safer, ePropulsion has launched its wireless safety wristband. In case of a man overboard situation, the safety wristband immediately shuts down the motor. Each Evo motor can connect with up to 8 safety wristbands. This function also keeps you safe when you're alone and not in close proximity to the kill switch. You, your families, friends, and dogs are all protected.

* Safety wristband is compatible with Evo tiller and Evo top mount control, not compatible with Evo side mount control or Evo dual control.

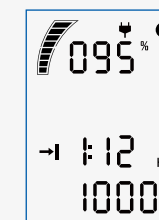


Information Display

Keeping you informed.

- Battery level
- Remaining runtime
- Remaining distance*
- Realtime power
- Error codes
- Speed*
- Realtime voltage
- Hydrogeneration power / status
- Metric and imperial conversion
- Safety wristband connection status

* Not available on Spirit or Pod Drive 1.0.





Vaquita Motor 1HP

Made for Every SUP Paddler

Overview

Comfortable Speed


Equipped with a 300 W motor, the Vaquita takes a paddler up speeds of 9 km/h or 5 knots. Traveling at that speed delivers a 70-minute runtime. Utilizing your Vaquita at half of the top speed means you'll have up to five hours of runtime.

Enjoy More Time on the Water

The Vaquita enables you go further and explore more, assisting you when you need it. The motor allows you paddle effortlessly and gives you the power to spend more time on the water.


Wireless Remote

The Vaquita features eight forward speeds, an LED indicator and an emergency stop function. It is simple and easy to use.




Indicator Lights

Stay informed of the battery status in real-time with 4 LED indicator lights.




Easy to Secure

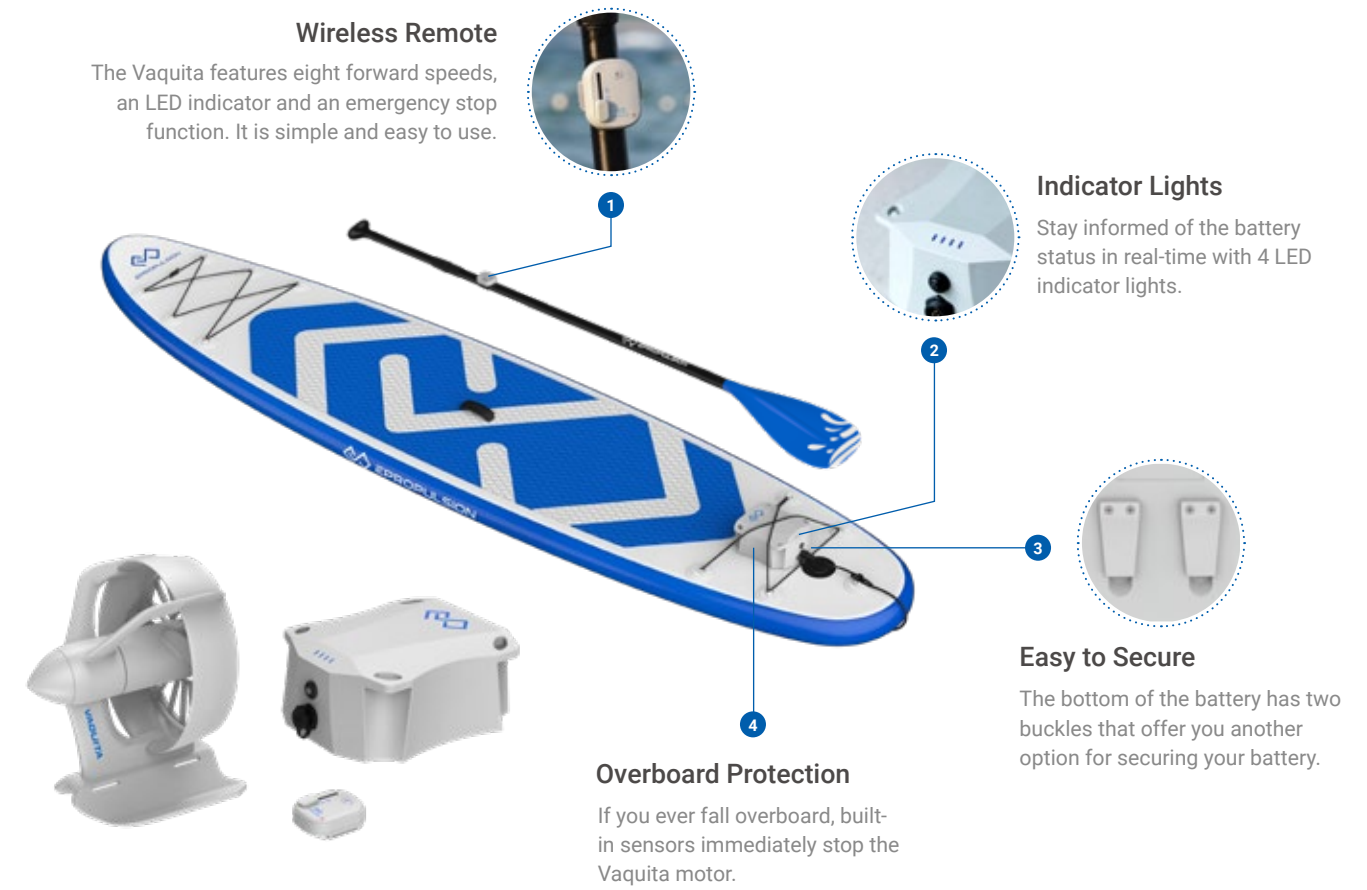
The bottom of the battery has two buckles that offer you another option for securing your battery.



Overboard Protection

If you ever fall overboard, built-in sensors immediately stop the Vaquita motor.







Performance & Range

Vaquita - SUP	Speed (mph / kph)	Running Time (hh:mm)	Range (mile / km)
Slow Speed	2.6 / 4.2	8:00	20.9 / 33.6
Economical Speed	3.7 / 6	5:00	18.6 / 30
Full Speed	6.2 / 10	1:10	7.3 / 11.7

*Data above is tested with Red Paddle 10.6 Ride MSL. The actual speed, range and running time may vary due to different external conditions.

Specs

Running Time	70 min (full speed), 5 hr (half speed)
Total Weight	4 kg
Adapters	US fin, SUP fin, Universal adapter
Control	Wireless remote, 8 speeds forward
Battery	324 Wh, Lithium-ion

Battery Life	500 cycles at 80% DOD
Motor Size	16.2 x 16.7 x 18.2 cm / 6.4 x 6.6 x 7.2 inches
Battery Size	21.6 x 17.8 x 10 cm / 8.5 x 7 x 3.9 inches
Battery Ingress Protection	IP67

Lightweight & Portable



The Vaquita only weighs 4 kg. It's compact and easy to transport with our customized storage bag.



SailGP partners ePropulsion to Race for the Future.

11 SailGP support boats will be powered by ePropulsion.

SailGP is the sport's pinnacle league featuring the world's fastest sail racing. With a sense of purpose that goes beyond entertainment, SailGP will use its global platform to accelerate change to a cleaner and more inclusive future through its purpose-led agenda: Race for the Future. A key project to ensure both the race and support boats are powered by nature is reducing the carbon impact of the support boats. Working in partnership with ePropulsion, SailGP will transition 11 boats to ePropulsion outboard motors for the start of Season 2.

SailGP Support Boat Fleet Powered By



Spirit 1.0 Plus / 3HP



Navy 3.0 Evo / 6HP



E80 Battery / 4096 Wh





Fishing Influencer: Anthony Jones

Anthony is a YouTube influencer producing Jon Boat fishing videos. He replaced his old four stroke with Navy 3.0 in 2020. Anthony is a father of two kids in Georgia, and he loves the clean and quiet power that makes every trip comfortable on the water with his kids.



“ For electric only reservoir fishing here in the great state of GA, the high-performance, reliable and affordable ePropulsion electric outboard system has been a game changer. ”

 Anthony Jones | Subscribe on  YouTube

Apply for
Pro Staff Program



The ePropulsion Pro Staff Program has been developed for the fishing market from 2021. We are looking for anglers who are active on social media and enthusiastic about electric outboard motors. For our Pro Staff team, we offer excellent rebates and opportunities to try out the latest products. Visit www.epropulsion.com/pro-staff for more information.

ePropulsion Fishing Highlights

1. Queensland, Australia / 2. Georgia, United States / 3. Maryland, United States / 4. Corsier, Switzerland / 5. Georgia, United States / 6. Lombardia, Italy / 7. New Hampshire, United States



“ Loving the Navy 6.0. This thing is awesome. Two people fully loaded with tournament gear and it will fly. ”

Blake Yarter, Georgia

“ Thank you ePropulsion for making one of the best electric outboards on the market. It didn't let us down all year. ”

David Adamson, Georgia



Technology Pioneer

ePropulsion has a strong engineering culture - it is in our DNA. Our engineers enjoy the toughest challenges and developing solutions and products that are truly innovative and easy-to-use.

Industry First

2014 The first-ever brushless direct-drive electric outboard motor

A direct-drive outboard motor can be quiet, reliable and maintenance-free.

Model: Spirit 1.0



2021 The first-ever hydroelectric outboard motor

Hydrogeneration function makes sailing more sustainable.

Model: Spirit 1.0 Evo, Navy 3.0 Evo, Navy 6.0 Evo



Engineering Innovation



Metal Power Connector

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

Competitor solution: nondurable plastic connector.



Spirit Foldable Tiller

This makes transportation much easier. The tiller is always integrated with the Spirit motor, so it's quick to carry, pack and install. Competitor solution: Keep the tiller as a separate part. Assemble and detach it every time you need to use it.



Fast Solar Charging

Spirit solar chargers allow as much as 180W input from solar panels. This enables customers to travel all day long at an economical speed.

Competitor solution: Maximum 50W. Incompatible with 3rd-party solar panels.



Anti-Corrosion Technology

High-quality aluminum alloy is used as the base material. The surface is treated by sandblasting and a thick layer of anodizing coating is also applied. ePropulsion has completely eliminated corrosion on its products.

Online ePropulsion Owner Community

On our Official ePropulsion Outboard Owners Facebook Group, created for our online customer community, we run promotions and giveaways of items such as have apparel and headwear to the most active members. Join us and share your electric boating moments with ePropulsion customers all over the world. You will also get fast responses when you have questions about your ePropulsion products.



Search **Official ePropulsion Outboard Owners** on Facebook



Official ePropulsion Outboard Owners



MOTORS

PART NO	PRODUCT	DESCRIPTION
SPIRIT		
SP-0000-X1	Spirit 1.0 Plus Extra Shortshaft	3 HP direct-drive electric outboard motor, including a 1276 Wh battery, an integrated tiller and a charger. Shaft length 52.5 cm / 20.7 inches.
SP-0000-S1	Spirit 1.0 Plus Shortshaft	Same as above with different shaft length 62.5 cm / 24.6 inches.
SP-0000-L1	Spirit 1.0 Plus Longshaft	Same as above with different shaft length 75 cm / 29.5 inches.
SP-1111-X1	Spirit 1.0 Plus Extra Shortshaft w/o Battery	3 HP direct-drive electric outboard motor, including a tiller and a charger. Battery is excluded. Shaft length 52.5 cm / 20.7 inches.
SP-1111-S1	Spirit 1.0 Plus Shortshaft w/o Battery	Same as above with different shaft length 62.5 cm / 24.6 inches.
SP-1111-L1	Spirit 1.0 Plus Longshaft w/o Battery	Same as above with different shaft length 75 cm / 29.5 inches.
SE-TTTT-S0	Spirit 1.0 Evo Shortshaft	3 HP direct-drive electric outboard motor featuring hydrogenation, including a 1276 Wh battery, a detachable tiller and a charger. Shaft length 62.5 cm / 24.6 inches.
SE-TTTT-L0	Spirit 1.0 Evo Longshaft	Same as above with different shaft length 75 cm / 29.5 inches.
SE-RRRR-S0	Spirit 1.0 Evo Remote Shortshaft	3 HP direct-drive electric outboard motor featuring hydrogenation, including a 1276 Wh battery, a remote control, a charger and a remote kit. Shaft length 62.5 cm / 24.6 inches.
SE-RRRR-L0	Spirit 1.0 Evo Remote Longshaft	Same as above with different shaft length 75 cm / 29.5 inches.
SE-1111-S0	Spirit 1.0 Evo Motor Body Shortshaft	3 HP direct-drive electric outboard motor featuring hydrogenation. Battery and controller are excluded. Shaft length 62.5 cm / 24.6 inches.
SE-1111-L0	Spirit 1.0 Evo Motor Body Longshaft	Same as above with different shaft length 75 cm / 29.5 inches.
SE-R999-00	Spirit 1.0 Evo Remote Kit	This remote kit helps you turn a Spirit 1.0 Evo motor into a remote version that works with a steering wheel.
NAVY		
NE-3000-S0	Navy 3.0 Evo Shortshaft	6 HP direct-drive electric outboard motor featuring hydrogenation. Battery, controller and charger are excluded. Shaft length 64 cm / 25.2 inches.
NE-3000-L0	Navy 3.0 Evo Longshaft	Same as above with different shaft length 76.5 cm / 30.1 inches.
NE-6000-S0	Navy 6.0 Evo Shortshaft	9.9 HP direct-drive electric outboard motor featuring hydrogenation. Battery, controller and charger are excluded. Shaft length 64 cm / 25.2 inches.
NE-6000-L0	Navy 6.0 Evo Longshaft	Same as above with different shaft length 76.5 cm / 30.1 inches.
POD		
P1-0000-E0	Pod Drive 1.0 Evo	3 HP direct-drive electric pod drive motor featuring hydrogenation. Battery, controller and charger are excluded.

PART NO	PRODUCT	DESCRIPTION
P3-0000-E0	Pod Drive 3.0 Evo	6 HP direct-drive electric pod drive motor featuring hydrogenation. Battery, controller and charger are excluded.
P6-0000-E0	Pod Drive 6.0 Evo	9.9 HP direct-drive electric pod drive motor featuring hydrogenation. Battery, controller and charger are excluded.
VAQUITA		
VA-0000-00	Vaquita SUP Motor	1 HP direct-drive electric SUP motor, including a 324 Wh battery, a remote control and a charger.

BATTERIES

PART NO	PRODUCT	DESCRIPTION
SP-B000-02	Spirit Battery Plus	1276 Wh / 48V lithium battery for Spirit 1.0 Plus, Spirit 1.0 Evo and Spirit 1.0R Evo. Lightweight, safe and floatable.
EB-0040-00	E40 Battery	2048 Wh / 48V LiFePO4 battery with 3000 cycles of battery life. High energy density in a compact size. Affordable, safe and durable.
EB-0080-00	E80 Battery	4096 Wh / 48V LiFePO4 battery with 3000 cycles of battery life. High energy density in a compact size. Affordable, safe and durable.
EB-0175-00	E175 Battery	8960 Wh / 48V LiFePO4 battery with 3000 cycles of battery life. High energy density in a compact size. Affordable, safe and durable.
VA-B000-00	Vaquita Battery	324 Wh / 24V lithium battery for Vaquita SUP motor. Lightweight and compact.

CONTROLLERS

PART NO	PRODUCT	DESCRIPTION
NE-TC00-00	Evo Tiller	Detachable tiller with integrated display monitoring real-time motor / battery status, for Spirit Evo models and Navy Evo models.
NE-RC00-00	Evo Top Mount Control	Wireless remote controller with integrated display monitoring real-time motor / battery status, for Spirit 1.0R Evo, Navy Evo models and Pod Evo models.
NE-SM00-00	Evo Side Mount Control	Smart side mount controller with integrated display monitoring real-time motor / battery status, for Spirit / Navy / Pod Evo models.
NE-DR00-00	Evo Dual Remote Control	Remote control for twin installation of Spirit / Navy Evo motors. Integrated display monitors real-time status of power and each motor.
VA-RC00-00	Vaquita Remote Control	Wireless remote control for Vaquita SUP motor. 8 forward speeds. Overboard protection.

ACCESSORIES

PART NO	PRODUCT	DESCRIPTION
CHARGERS & SOLAR PANEL		
VA-C000-00	Vaquita Charger	180 watts charger for Vaquita Battery. Input voltage (AC): 100 V ~ 240 V. Max output voltage (DC): 25.2 V

PART NO	PRODUCT	DESCRIPTION
SP-C001-00	Spirit 1.0 Plus Charger	180 watts charger for Spirit Battery Plus. Input voltage (AC): 100 V ~ 264 V. Max output voltage (DC): 52.2 V
SP-C002-00	Spirit 1.0 Plus 12V Charger	70 watts DC / DC charger, allowing the Spirit 1.0 Plus Battery to be charged from a 10 V ~ 30 V power source.
SP-C003-00	Spirit 1.0 Plus Solar Charger	180 watts solar charger, allowing the Spirit Battery Plus to be charged with solar energy (solar panel excluded).
SP-C004-00	Spirit 1.0 Plus Fast Charger H	400 watts charger, taking 3 hours to charge a Spirit Battery Plus from empty to full. Input voltage (AC): 180 ~ 260 V.
SP-C005-00	Spirit 1.0 Plus Fast Charger L	Same as above with different input voltage (AC) 90 ~ 132 V.
EC-0030-20	E Battery Charger 30A H	For E40, E80 and E175. Max output current (220V): 30A. Parallel connection: max 8 units
EC-0020-11	E Battery Charger 20A L	For E40, E80 and E175. Max output current (110V): approx. 20A. Parallel connection: max 8 units
FS-P000-00	Foldable Solar Panel	100 watts foldable solar panel, portable and efficient, with plug & play waterproof connectors, designed for Spirit Battery Plus.

CABLES		
00-0601-01	Communication Cable 5m	Connect a motor and a controller or a motor and an E-series battery for more accurate data transmission.
00-0601-03	Communication Extension Cable 5m	Extend the 5m communication cable for extra 5 meters to allow wired operation from a longer distance.
00-0601-10	E-Series Battery Communication Cable	A 1.5m communication cable used for parallel connection between E-Series batteries.
00-0601-11	E-Series Battery Communication Extension Cable	A 2m communication cable that extends the parallel connection distance between E series batteries.
EB-AC02-00	E-Series Battery Remote Switch	This switch with a 5m cable allows you to switch on/off parallellled E-series batteries in a distance. It connects to the CAN-IN port on an E-series battery.
EB-AC01-00	E-Series Battery Communication Terminator	This terminator is used to switch on/off E-series batteries in parallel connection. It connects to the CAN-IN port on an E-series Battery.
00-0601-08	Spirit External Battery Cable	This cable allows you to connect the Spirit 1.0 Plus motor with a 48V E-Series Battery to extend range.
S1-CM03-00	SPIRIT 1.0 Extension Power Cable 2m	It connects the Spirit Battery and the Spirit 1.0 motor, allowing you to place the battery 2 meters from the motor.
00-0601-09	Spirit 1.0 Plus Extension Power Cable 2m	It connects the Spirit Battery Plus and the Spirit 1.0 Plus motor, allowing you to place the battery 2 meters from the motor.
00-0601-12	Y Type Communication Cable	A communication cable with one male connector and two female connectors, allowing you to connect both the controller and the E-Series batteries to an ePropulsion motor.

PROPELLERS, SKEGS, ANODES		
S1-M001-00	Spirit 1.0 Propeller	Two-blade fiber-reinforced nylon propeller, 11" × 5.8", applies to Spirit 1.0 Plus/Evo.

PART NO	PRODUCT	DESCRIPTION
SE-TB01-00	Spirit 1.0 Evo Clamp Anode	Sacrificing itself to protect the surface of the outboard from corroding, only applies to Spirit 1.0 Evo, double inner-side of clamp.
S1-TB03-06	Spirit 1.0 Trapezoidal Anode	Sacrificing itself to protect the surface of the outboard from corroding, only applies to Spirit 1.0 Plus, double inner-side of clamp.
S1-TB02-05	Spirit 1.0 Clamp Base Anode	Sacrificing itself to protect the surface of the outboard from corroding, applies to Spirit 1.0 Plus/Evo, double bottom-side of clamp.
SP-M013-00	Spirit 1.0 Plus Motor Anode	Sacrificing itself to protect the surface of the outboard from corroding, applies to Spirit 1.0 Plus/Evo, underneath the Plus Motor Cover.
SP-M012-00	Spirit 1.0 Plus Shaft Anode	Sacrificing itself to protect the surface of the outboard from corroding, applies to Spirit 1.0 Plus/Evo, outside of the propeller shaft.
N3-LU05-00	Navy 3.0 Propeller	Two-blade fiber-reinforced nylon propeller, 10.2" × 6.7"
N6-LU02-00	Navy 6.0 Low Pitch Propeller	13.4" × 8.5" 3-blade composite propeller.
N6-LU12-00	Navy 6.0 High Pitch Propeller	12.6" × 10.8" 3-blade composite propeller.
N6-LU01-E0	NAVY 6.0 Evo AL Propeller	12.6" × 8.7" 3-blade aluminum propeller.
P6-M001-00	Pod 6.0 Evo Propeller	12.6" × 8.7" 3-blade aluminum propeller.
N6-LU01-00	Navy Anode	Sacrificing itself to protect the surface of the outboard from corroding, applies to Navy Evo, outside of the propeller shaft.
N6-TB11-00	Navy Clamp Anode	Sacrificing itself to protect the surface of the outboard from corroding, applies to Navy Evo, double inner-side of clamp.
N6-AP00-00	Navy Anticavitation Plate	Avoid vaporized air caused by water flow disturbances. Made of high-strength aluminum alloy.

EXTRAS		
VA-BG00-00	Vaquita Carry Bag	Transport and store a complete Vaquita kit. Dust-resistant and washable.
S1-BG00-00	Spirit 1.0 Bag Set	Made for easy transportation and storage of a Spirit outboard and a Spirit battery.
S1-BG01-00	Spirit 1.0 Outboard Bag	Transport and store a Spirit motor. Dimension: 47.2 × 7.8 × 16.5 inches / 120 × 20 × 42 cm
S1-BG02-00	Spirit 1.0 Battery Bag	Transport and store a Spirit battery. Dimension: 11.8 × 7.8 × 16.5 inches / 30 × 20 × 42 cm
SP-M005-00	Spirit Motor Cowling	If a Spirit motor works with an E-Series battery, the original Spirit battery is removed. This cowling is put on the top for decoration purpose.
S1-TH02-00	Kill Switch Assy.	Shut down the motor upon the removal of this magnetic kill switch. A safety lanyard is included.
NE-SW00-00	Safety Wristband	IP67 wireless wristband works with Evo Tiller / Evo Remote Control. Shut down the motor in accidents. Max connection up to 8 units.

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