EPROPULSION ELECTRIC BOATING

2026 14 Years of Innovative Electric Marine Propulsion Systems and Services

* The specifications are for reference only.

Electric Outboard Motor

eLite 500 W

The eLite redefines your on-water experience with innovative features and a commitment to sustainability. Designed to be the most compact and lightweight electric outboard in its class, weighing only 6.7 kg, it is an easy-to-use alternative to small internal combustion engines for enthusiasts worldwide.

eLite

Standard Carrying Bag

	Standard	Longshaft
Nominal Power	500 W	
Maximum Power (in Sport Mode)	750 W	
Battery Energy	Integrated 378 Wh 25.2 V Lithium-ion	
Battery Life	800 cycles at 80% SoH	
Charger	100 to 240 V AC charger included, 12 V charger optional	
Cooling System	Natural cooling	
Rated rpm	1500 to 1700	
Operating Temperature	-5 to 55 °C	
Storage Temperature	-20 to 45 °C	
Trim and Tilt	8° / 17° / 26°	
Tilt Angle	75°	
Shallow Water Mode Tilt Angle	36°	
Steering Range	±70°	
Dimensions	297 x 75 x 890 mm / 11.7 x 3 x 35 in	297 x 75 x 1040 mm / 11.7 x 3 x 41 in
Motor Weight (excluding bracket)	6.7 kg	7.3 kg
Motor Weight (including bracket)	7.9 kg	8.5 kg
Adjustable Shaft Length	401 / 362.5 / 322 / 282.5 mm (15.8 / 14.27 / 12.7 / 11.1 in)	551 / 512.5 / 472 / 432.5 mm (21.7 / 20.2 / 18.6 / 17in)
Propeller	Two-blade propeller, diameter: 194mm	

Spirit Series 1 kW

The Spirit 1.0 Plus & Evo motors are our best-selling range, designed with portability in mind and featuring an integrated yet easily removable 1276 Wh lithium battery. The Spirit 1.0 Plus is ideal for dinghies, fishing boats, sailboats, and tenders, while the Spirit 1.0 Evo delivers clean, streamlined performance for essential on-water use.

	Spirit 1.0 Plus	Spirit 1.0 Evo	Spirit 1.0 Evo Remote
Nominal Power	1 kW		
Battery Energy	1276 Wh		
Motor Weight*	10.6 kg	11.3 kg	10.9 kg
Battery Weight	8.7 kg		
Charging Time	3.5 hrs (Fast charger) / 8.5 hrs (Standard charger)		
Battery Life	500 cycles at 80% SoH		
Shaft Length	XS: 525 mm / 20.7 in S: 625 mm / 24.6 in L: 750 cm / 29.5 in	S: 625 mm / 24.6 in L: 750 mm / 29.5 in	
Input Voltage	39 to 60 V		
Rated 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	✗	✓	✓
Display Backlight	✗	✓	✓

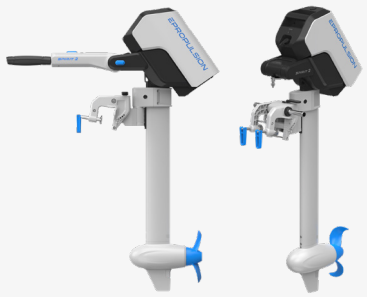
* Weight quoted is for the short shaft version. The weight of Spirit 1.0 Evo Remote excludes the control.

Floating Battery

The Spirit series battery is fully removable, making installation and transport simple and convenient. For added peace of mind on the water, the battery is designed to float, ensuring it remains recoverable if accidentally dropped overboard.

Spirit Series 2 kW

The Spirit 2 is the newest addition to the Spirit range, featuring a powerful 1.5 kWh battery that elevates performance for dinghies and day cruisers. Weighing just 20.6 kg*, it delivers silent, emission-free propulsion. With built-in hydrogeneration, the battery recharges while sailing, extending range, maximizing onboard space, and enabling truly effortless adventures on the water.



Spirit 2
With Tiller Control

Spirit 2 Remote
With Other Controls

Nominal Power	2 kW		
Maximum Power (in Sport Mode)	3 kW		
Battery Energy	1539 Wh		
Motor Weight* (excluding bracket)	**Extra Short:** 10.2 kg	**Short:** 10.4 kg	**Long:** 10.7 kg
Motor Weight* (including bracket)	**Extra Short:** 12.6 kg	**Short:** 12.8 kg	**Long:** 13.1 kg
Battery Weight	10.4 kg		
Battery Life	1,000 cycles at 80% SoH		
Charging Time	Standard charger: 8 hrs / Fast charger: 2 hrs		
External Battery	ePropulsion E Series Battery		
Rated rpm	1700 to 2100		
Trim Angle Adjustment	0°, 7°, 14°, 21°		
Tilt Angle	70°, 90°		
Shallow Water Mode Tilt Angle	35°		
Steering Range	±90°		
Dimensions (L x W x H)	XS: 410 x 190 x 915 mm / 16.1 x 7.5 x 36.0 in S: 410 x 190 x 1015 mm / 16.1 x 7.5 x 40.0 in	L: 410 x 190 x 1140 mm / 16.1 x 7.5 x 44.9 in	
Propeller	2-blade composite propeller, diameter 240mm, pitch 167mm		

* Combined weight of motor and battery, excluding transom bracket. Weight varies based on shaft length - Extra Short: 20.6kg, Short: 20.8kg, Long: 21kg.

Navy Series 3 kW / 6 kW

The Navy series is the backbone of ePropulsion electric outboard motors. It provides efficient and clean power for aluminum fishing boats, dinghies, daysailers, pontoon and cruising sailboats. Thanks to direct-drive technology, the Navy electric outboard boat motor is quiet, low maintenance, and reliable.

Navy 3.0 Evo
3 kW

Navy 6.0 Evo
6 kW

	Navy 3.0 Evo	Navy 6.0 Evo
Nominal Power	3 kW	6 kW
Input Voltage	48 V (Input Range 39 to 60 V)	
Motor Weight*	24.3 kg	29 kg
Shaft Length	S: 63.4 cm / 25 in	L: 75.9 cm / 29.9 in
Static Thrust	590 N	1243 N
Rated rpm	2300 rpm	1500 rpm
Propeller	10.2" × 6.7" 2-blade composite propeller	11.3" × 8.5" plastic propeller 10.6" × 12.6" metal propeller(optional)
Trim / Tilt Angle	0°, 5°,10°,15° / 60°	0°, 5°,10°,15°,20°, 35°, 50° / 65°, 80°
Hydrogeneration	✓	✓

* The outboard motor weight quoted is for the short shaft version, excluding the control weight.

X Series 12 kW / 20 kW / 40 kW

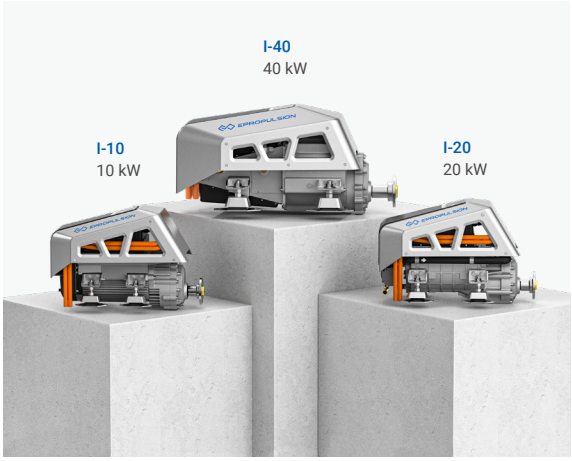
The X Series electric outboards are zero-emission electric propulsion systems with an industry-leading powertrain efficiency of 88.2%. The X Series features a compact & fully integrated design, electric steering system, advanced driving assistance functions, and connectivity service. The modular architecture not only simplifies installation but also allows for seamless integration with renewable energy sources.

	X12		X20		X40	
	S Shaft	L Shaft	L Shaft	XL Shaft	L Shaft	XL Shaf
Nominal Power	12 kW		20 kW		40 kW	
Motor Weight (excluding control)	48 kg	50 kg	79 kg	81 kg	104 kg	106 kg
Shaft Length	381 mm / 15 in	508 mm / 20 in	508 mm / 20 in	635 mm / 25 in	508 mm / 20 in	635 mm / 25 in
Dimensions (L x W x H)	560 x 266 x 978 mm (22 x 10.5 x 38.5 in)	560 x 266 x 1105 mm (22 x 10.5 x 43.5 in)	674 x 360 x 1229 mm (26.5 x 14.2 x 48.4 in)	674 x 360 x 1356 mm (26.5 x 14.2 x 53.4 in)	757 x 360 x 1233 mm (29.8 x 14.2 x 48.5 in)	757 x 360 x 1360 mm (29.8 x 14.2 x 53.5 in)
Input Voltage	96 VDC					
Cooling System	Natural cooling				Closed loop liquid cooling	
Rated rpm	1100 to 2000		1200 to 1800		1500 to 2100	
Trim and Tilt	Integrated Electric Trim/Tilt		Integrated Electro-Hydraulic Trim/Tilt			
Trim / Tilt Angle	-4° to 61°					
Steering	Integrated electric steering					
Steering Angle	±45°					
Propeller	11 13/16" x 10 5/8" (available in R rotation) 11 13/16" x 9 13/16" (available in R rotation) 11 13/16" x 15 3/8" (available in R rotation)		15" x 10 3 / 4" propeller (available in L&R rotation) 13 3 / 8" x 16 3 / 4" propeller(available in L&R rotation)			

Electric Inboard Motor

I-Series 10 kW / 20 kW / 40 kW

The I-Series is an environmentally-friendly electric inboard motor series packed with innovative technology, smart features, and human operation design. Underpinned by the highly integrated and modular ePropulsion Smart System Architecture (eSSA) and the IoT connectivity service, it provides users with an easy-to-use, intelligent, safe, and reliable experience unlike any other.



	I-10	I-20	I-40
Nominal Power	10 kW	20 kW	40 kW
Input Voltage	86 to 115 VDC		
Motor Weight*	45 kg	49.5 kg	93 kg
Dimensions (L x W x H)	565 x 295 x 380 mm / 22.2 x 11.6 x 15.0 in	580 x 330 x 380 mm / 22.8 x 13.0 x 15.0 in	667 x 453 x 477 mm / 26.3 x 17.8 x 18.8 in
Cooling System	Air cooling	Water cooling (air cooling optional)	
Rated rpm	1200 to 1700 rpm	1200 to 1700 rpm	1200 rpm
Operation and Interaction	Throttle & display (standard)		
Connectivity Service	Supported		

Batteries

E Series Lithium Battery 48 V

ePropulsion motors achieve peak performance when paired with ePropulsion batteries. Using a single-brand system eliminates compatibility issues and enables enhanced system data and smarter energy management. The 48 V E Series batteries are fully compatible with all ePropulsion 48 V motors, including Spirit, Navy, and Evo. Featuring LiFePO (lithium iron phosphate) chemistry, they offer exceptional safety, stability, and longevity.

E60
3072 Wh / 60 Ah

E163
8345 Wh / 163 Ah

E100
5120 Wh / 100 Ah

NEW

	E60	E163	E100
Rated Voltage	51.2 V		
Battery Life	3,000 cycles at 80% SoH		
Weight	33 kg	76 kg	48.5 kg
Cut-off Voltage	41.6 V		
Final Charging Voltage	57.6 V		
Series Connection	N/A		2 (Cannot connect in parallel when used in series)
Max Continuous Discharging Current	70 A	150 A	
Parallel Connection	Up to 16 E series batteries on the same model		
Cell Configuration	16S4P	16S1P	
Charging Temperature	0 to 55°C		
Discharging Temperature	-10 to 60°C		
Communication	CAN-Bus for parallel RS485 for ePropulsion motors		• One RS485 for ePropulsion 48V motors • One CAN (two ports) for parallel or series batteries • One CAN for ePropulsion 96V motor • One CAN for 48V or 96V charger
Shipping Classification	UN3480, Class 9, UN38.3 Certified		

G Series Lithium Battery 96 V

High-performance and durable lithium battery for electric boating

G102-230
23.5 KWh / 96 V

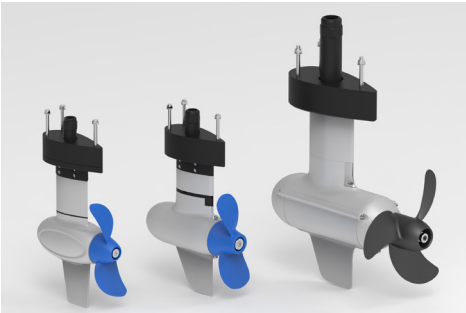
G102-100
10.2 KWh / 96 V

	G102-100	G102-230
Rated Voltage	102.4 V	102.4 V
Battery Life	3,000 cycles at 80% SoH	3,500 cycles at 80% SoH
Weight	100 kg	180 kg
Cut-off Voltage	83.2 V	
Final Charging Voltage	115.2 V	
Series Connection	N / A	
Max Continuous Discharging Current	100 A	230 A
Parallel Connection	Up to 8 in 1 cluster. Multiple clusters are possible in the system	
Cell Configuration	32S1P	
Charging Temperature	0°C to 55°C	
Discharging Temperature	-10°C to 60°C	
Communication	One CAN for ePropulsion motors / One CAN (Two ports) for parallel batteries / One CAN for charger	
Shipping Classification	UN3480, Class 9, UN38.3 Certified	

Pod Drive Motor

Pod Drive Series 1 kW / 3 kW / 6 kW

ePropulsion Pod Drives are direct-drive electric motors designed for sailboats and small craft, offering reliable performance with minimal maintenance. Compact and space-saving, they free up valuable cabin space, while their near-silent operation enhances comfort and enjoyment onboard.



Pod Drive 1.0 Evo 1 kW | Pod Drive 3.0 Evo 3 kW | Pod Drive 6.0 Evo 6 kW

	Pod Drive 1.0 Evo	Pod Drive 3.0 Evo	Pod Drive 6.0 Evo
Nominal Power	1 kW	3 kW	6 kW
Input Voltage	48 V (Input Range 39 to 60 V)		
Motor Weight*	6.2 kg	15.3 kg	31kg
Static Thrust	316 N	590 N	1080 N
Rated 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 /12" × 21.3" 2-blade NAB folding propeller (optional)
Hydrogeneration	✓	✓	✓

*The weight includes the driver unit.

Pod Drive eSSA Series 12 kW / 20 kW

Pod 12 12 kW | Pod 20 20 kW

	Pod Drive 12 eSSA	Pod Drive 20 eSSA
Nominal Power	12 kW	20 kW
Input Voltage	96 VDC	96 VDC
Motor Weight*	31 kg	48.5 kg
Dimensions (L x W x H)	Motor: 603 × 420 × 122 mm / 23.7 x 16.5 x 4.8 in Driver unit:285 × 250 ×192 mm / 11.2 x 9.8 x 7.6 in	Motor: 642 x 596 x 168 mm / 25.3 x 23.7 x 6.61 in Driver unit: 343 x 296 x 197 mm / 13.5 x 23.5 x 7.76 in
Cooling System	Motor: Natural cooling Driver: Fan cooling	
Rated rpm	1400 to 2100 rpm	1200 to 1800 rpm
Propeller	11 13/16" x 9 13/16" 13" x 9 3/4" (folding propeller)	15" x 10 3/4"

*The weight includes the driver unit.

EPROPULSION www.epropulsion.com

2024 European Commercial Marine Awards Marine Power & Propulsion Category
2024 Boating Industry's 2024 Top Products
2024 Innovation Award in Miami International Boat Show
2023 European Commercial Marine Awards Innovations Showcase Category Award
2023 Sounding Trade Only's Most Innovative Company
2023 Boating Industry's Top Products
2023 Environmental Awards at Southampton International Boat Show
2021 British Yachting Award Equipment Innovation of the Year 2021
2015 German IF Design Award

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