Made to Last



Waterproof IP67



Multi-collision protection



A safe and reliable 96V electrical platform complying with IEC standards.



Minimum 5,000 hours of service life*

Ultra-Low Noise, Vibration, and Harshness (NVH)

At their maximum noise level of 73 dBA, X Series outboards are quieter than most offices! Achieved through advanced damping technology and frequency resonance isolation, this means you can enjoy the water more, without shouting at each other or scaring away the wildlife.



Environmentally Friendly

X Series outboards are zero-emission. Compared to a 60 hp petrol outboard, operating at full power for 100 hours, an X40 would save 1900 litres of petrol and 4.3 tonnes of CO₂ pollution.



10240 Wh / 96 V

G102-100 Battery

Lithium Iron Phosphate Battery (LiFePO4)



Capacity	10240 Wh				
Rated Voltage		102.4 V			
Battery Life	3,000 c	ycles at 80% DOD			
Weight		100 kg			
Dimensions	680 x 500 x 300 mm (26	00 x 300 mm (26.8 x 19.7 x 11.8")			
Cut-off Voltage	Voltage 83.				
Final Charging Voltage		115.2 V			
Max Continuous Discharging Current		100 A			

Serial Connection	N/A
Parallel Connection	Up to 8 in 1 cluster. Multiple clusters are possible in the system
Cell Configuration	32S1F
Charging Temperatu	re 0°C to 55°C
Discharging Tempera	ature -10°C to 60°C
Shipping Classification	on UN3480, Class 9, UN38.3 Certified
Certifications	CE, UKCA, FCC
Communication Or	One CAN for ePropulsion motors ne CAN (Two ports) for parallel batteries One CAN for charger

Specs*

Weight ** Shaft Length

Dimensions (L x W x H)

Input Power

Nominal Voltage Cooling System

Rated RPM

Trim and Tilt

Trim / Tilt Angle

Steering

Steering Angle







494				
X12 12 kW				
S Shaft	L Shaft			
46 kg (101.4 lbs)	47 kg (103.6 lbs)			
381 mm (15")	508 mm (20")			
560 x 266 x 978 mm (22 x 10.5 x 38.5")	560 x 266 x 1105 mm (22 x 10.5 x 43.5")			
1	2 kW			
9	6 VDC			
Natur	ral cooling			
110	0 to 2000			
Pow	er trim/tilt			
-4	° to 61°			
Integrated	electric steering			
	±45°			
11 13/16" × 10 5/8" proj	peller (available in R rotation) peller (available in R rotation) peller (available in R rotation)			
	S Shaft 46 kg (101.4 lbs) 381 mm (15") 560 x 266 x 978 mm (22 x 10.5 x 38.5") 1 9 Nature 1100 Power -4 Integrated 11 13/16" × 9 13/16" pro 11 13/16" × 10 5/8" pro 11 13/16" pro 11 13/16" × 10 5/8" pro 11 13/16" pro 11 13/16			

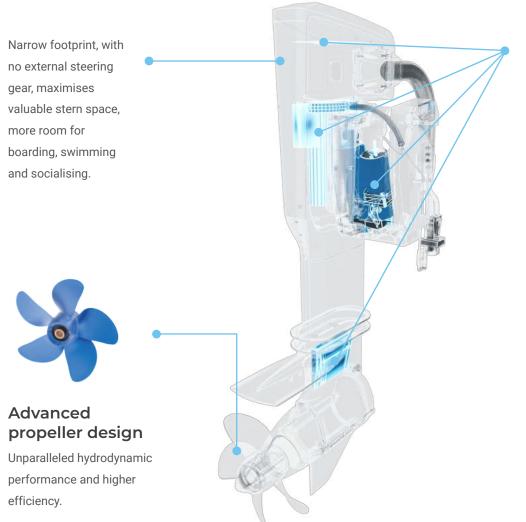




EPROPULSION X SERIES ELECTRIC OUTBOARD MOTORS

Clean · Quiet · Powerful · Easy-to-Use

Compact & Fully Integrated Space-Saving Design



The electric steering, power trim/tilt, ECU (electric control unit), and motor controller are all integrated into one unit.

40/20/12 kW of continuous power.

88.2%

total powertrain efficiency (excluding propeller).

Max. 36%

less weight than its conventional equivalent*.

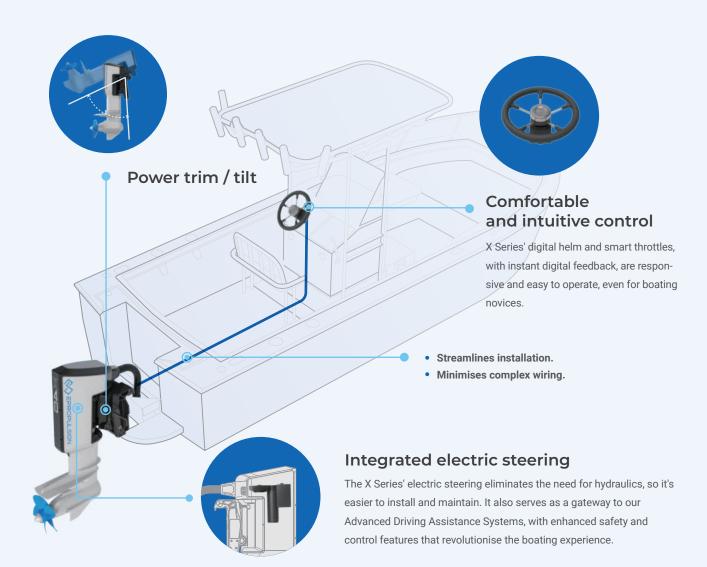
* The weight includes the engine and the steering.

Performance and Range*

	X40			X20			X12		
Input (kW)	10	20	40	5	10	20	3	6	12
Speed (kph / mph)	12.6 / 7.8	15.4 / 9.6	35.9 / 22.3	11 / 6.8	14 / 8.7	26 / 16.2	14.5 / 9	20.4 / 12.7	30.1 / 18.7
Runtime (hh:mm)	4:00	2:00	1:00	4:00	2:00	1:00	3:20	2:00	0:50
Range (km / mile)	50.4 / 31.3	30.8 / 19.1	35.9 / 22.3	44 / 27.3	28 / 17.4	26 / 16.2	48.3 / 30	34 / 21.1	25.1 / 15.6

*The X40's performance data is based on a 20-foot V hull aluminum boat with two persons (130kg), powered by one X40 with four G102-100 batteries (total boat weight 1030kg), in calm lake water. The X20's performance data is based on a 14-foot V hull aluminum boat with two persons, powered by one X20 with two G102-100 batteries (total boat weight 660kg), in calm lake water. The X12's performance data is based on a 11-foot aluminum hull inflatable boat with one person, powered by one X12 with one G102-100 battery (total boat weight 320kg), in calm lake water.

Enhanced User Experience



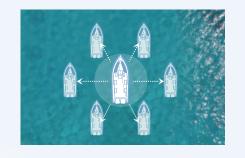
Cutting-edge driving assistance features

Integrated electric steering enables automated features such as "Position Hold", "Heading Hold", and "360 Motions" for additional safety and easy control. More features to come in the future.



Position Hold



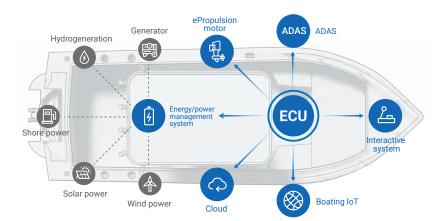


Heading Hold

360 Motions

ePropulsion Smart System Architecture (eSSA)

eSSA makes setting up an X Series system seamless and worry-free.The modular architecture supports simple and safe connection of multiple components and enables integration with renewable energy sources, enhancing the sustainability of your boating experience.





A comprehensive range of accessories:

- Smart Throttle
- G102-100 Battery
- Digital Helm

or conditions

- Smart Display 5"
- Smart Display 10"
- Propellers for different speeds
- Battery Chargers with different power capacities

MPPT Solar Charge Controller

More coming soon...

DC-DC Converter

ePropulsion Link

Connectivity

X Series motors have ePropulsion's Connectivity Service built in. This keeps you in touch with your boat's status in real time, including monitoring, reporting, and trip tracking functions.



