



## **N e w s   R e l e a s e**

**For immediate release**

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### **ExploMar powers XNRG to defend Monaco endurance championship**

The 2026 Monaco Energy Boat Challenge concluded on July 12, where the XNRG 8.3-metre carbon-fibre RIB powered by the ExploMar WAVE 300 electric outboard system successfully defended its Open Sea Xperience 16-nautical-mile endurance championship, while also securing second place in the Speed Record competition.

In the endurance race, the XNRG completed the course in 35 minutes and 24 seconds, finishing almost nine minutes ahead of the second-placed Frauscher x Porsche entry despite Force 4 winds and 1-2 metre waves.

The back-to-back victory further validates the performance, reliability and engineering maturity of ExploMar's high-performance electric propulsion technology under demanding offshore conditions.

### **Proving performance in challenging conditions**

The most demanding aspect of the race was not speed itself, but the harsh offshore conditions. Competitors faced Force 4 winds (13.9–20.7 knots) and 1-2 metre waves, creating severe pitching and heaving motions, rapid propeller ventilation and re-immersion that caused dramatic load fluctuations, increased wave-making resistance and strong headwinds. These conditions placed extreme demands on the propulsion system's dynamic response, mechanical robustness and thermal management capability.

Building upon data collected during last year's championship, ExploMar engineers collaborated closely with Team XNRG to optimise the propulsion system specifically for Force 4 sea conditions, refining torque control, thermal management and propeller selection. Throughout the race, the boat maintained an average speed of 27 knots, crossed the finish line with 40% battery capacity remaining and kept battery temperature below 45°C.

Propeller matching also played a critical role. Following extensive engineering simulations and multiple rounds of on-water testing, the team selected a SOLAS 15 × 21 right-hand three-blade propeller, offering excellent thrust recovery under ventilated wave conditions while maintaining sufficient thrust reserve and cruising speed in rough seas.

The result provides further evidence that high-performance electric outboards can deliver reliable offshore performance beyond controlled test environments.

Alongside the endurance victory, ExploMar showcased its full electric outboard range at the event. In the Speed Record competition, the WAVE 300-powered XNRG reached a top speed of 48 knots and averaged 45.33 knots. Twin WAVE 300 systems powered an 11-metre Python RIB to 29.58 knots, while the WAVE 150+ achieved 26.06 knots on a 6.5-metre ZAR RIB. The WAVE 70+ completed the line-up with a top speed of 20 knots on a 5-metre Gala RIB.

ExploMar worked with propeller manufacturer SOLAS throughout the event to optimise each propulsion package through propeller matching and system calibration across the different boats.

"Winning this championship for the second consecutive year is both an honour and a responsibility for our entire team," says Alex Dong, Founder and CEO of ExploMar. "Every victory is built upon countless engineering iterations, extensive sea trials and the dedication of our partners.

"Looking ahead, ExploMar will continue pushing the boundaries of electric propulsion performance while accelerating innovation in intelligent vessel control through Smart Captain, integrated energy infrastructure with our 5S Energy Station and a broader electric marine ecosystem to deliver higher-performance, more reliable and smarter electrification solutions for waterways worldwide."

ExploMar's successive victories at Monaco demonstrate exceptional power delivery, acceleration and handling stability across multiple vessel sizes and power classes, further validating the maturity, scalability and versatility of ExploMar's electric propulsion system.



To learn more about ExploMar and its industry-leading electric outboard systems, visit [www.explomar.tech](http://www.explomar.tech) or email [business@explomar.com.cn](mailto:business@explomar.com.cn).

## ENDS

### Notes for editors:

#### ExploMar

- Founded in 2021, ExploMar is a pioneering force in high-performance electric water mobility.
- Established by experts from the new energy vehicle, marine and aviation industries, the company is dedicated to shaping a zero-carbon, intelligent future for water transport.
- ExploMar's advanced electric outboard systems – available in 70HP, 150HP and 300HP models – offer smart functions, low maintenance and zero pollution, providing users with an unparalleled boating experience.
- Headquartered in Shanghai, ExploMar operates an intelligent manufacturing base in Changshu, where R&D, testing and production take place.
- With an annual production capacity of up to 1,000 units, ExploMar continues to lead the charge in sustainable marine propulsion worldwide.
- For more information visit [www.explomar.tech](http://www.explomar.tech)

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