



PRESS RELEASE

RS Marine Group

22 February 2024

RS Marine Group and ePropulsion announce partnership to power the Cheetah R630

RS Marine Group is delighted to announce the collaboration with ePropulsion's X Series electric outboards to power the group's Cheetah R630 EV-ready rib, which will be showcased at the RYA Dinghy & Watersports Show, taking place at Farnborough International on 24-25 Feb.

ePropulsion has confirmed it will supply its award-winning X Series electric outboard motors for the Cheetah R630, comprising either the X20 or X40, offering 20kW or 40kW of power respectively. These options cater to different needs and preferences, providing efficient and environmentally friendly propulsion.

The 6.3 metre Cheetah R630 has been designed, in conjunction with RS Electric Boats, with efficiency in mind. It features a cathedral hull, pushing less water and getting on the plane effortlessly at lower speeds than a normal RIB of its size. It is also equipped with either 22kWh or 43kWh battery packs, ensuring reliable and extended cruising ranges suitable for various adventures on the water.

"We're delivering on our strategy to provide EV-ready craft," says Jon Partridge, RS Marine Group CEO. "The marine sector has definitely woken up to the fact that we need to make a decisive change and we are excited to be working with ePropulsion as our power supplier."

Partridge continues: "Our partnership began with the RS21, which comes with a built in 1kw ePropulsion unit. This early collaboration helped form the idea for RS Electric Boats".

"We are delighted that RS Marine Group has chosen ePropulsion's X-Series Outboard Motors for their new Cheetah R630," says Steve Bruce, ePropulsion Global OEM Director. "The X-Series motors are a testament to our commitment to advancing technology in electric marine propulsion."

"Our partnership extends beyond providing advanced, eco-friendly motors; we are also designing a custom battery specifically for the R630 hull. This unique combination enhances the



R630's standing as a pinnacle of sustainable boating innovation, redefining industry standards in efficiency and performance.”

“During testing, the X-40 demonstrated remarkable results, affirming its alignment with the R630's innovative design. The synergy between the motors and the vessel showcased outstanding operational characteristics, further enhancing the R630's appeal as a leader in its class,” concludes Bruce.

Specifications

Model – Coach, Patrol

Length – 6.3M

Width – 2.3M

Draught – 0.3M (min)

Motor – ePropulsion X20 (20kw) or X40 (40kw)

Energy/Battery – 22kWh or 43kWh

Cruising Speed – 17knts

Top Speed – 23knts

Estimate Range – 40kw motor with 43kWh batteries:

- 20knots average – 1 Hour
- 15 knots average – 2 Hours
- 10 knots average – 4 Hours

AC Charge Time – 43kWh Batteries

Fast Charge 30kw 20-80% – 52 Minutes

3.3kw Standard power 0-100% – 13 Hours

“We look forward to welcoming visitors at the launch event and sharing more about the Cheetah R630, a remarkable addition to our lineup that combines efficiency, innovation, and performance,” adds Partridge.

Join the RS Marine Group Team for a coffee and the official reveal of the Cheetah R630 powered by ePropulsion at the RS Sailing stand during the RYA Dinghy Show. Doors open at the event on Saturday, 24th February at 10:30 AM.



More information on the Cheetah R630 can be found here:

<https://www.rselectricboats.com/cheetah-r630-electric-rib-epropulsion/>

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NOTES TO EDITORS:

- Within the RS Marine Group, RS Sailing is internationally renowned for producing durable, award winning, and fun sailing dinghies. RS Electric Boats works towards reducing emissions from chase boats. The Pulse 63 is 100% electric, uses emissions-free propulsion, and is made using sustainable materials. Cheetah Marine and RS Electric Boats joined forces in 2022 to develop a new generation of electric workboats. The companies are working together to accelerate the evolution of dependable electric boats for commercial, and leisure use. Ocean Play is a collaboration between RS Marine Group and Jo Richards to manufacture Picos, Bugs, Bahias and Vagos. As well as manufacturing to Richards' original design, Ocean Play offers worldwide customer services for all four boats.
www.rsmarinegroup.com | 01794 526760
www.oceanplay.club | www.rselectricboats.com | www.rssailing.com | www.cheetahmarine.com
- Cheetah Marine launched its first catamaran in 1990. Designed by founder Sean Stevens, who was then a commercial fisherman, it was made to handle rough seas and beach safely in surf. Since then, the company has built over 600 catamarans for commercial seamen, fisherman, divers, patrol personnel, hydrographic surveyors, expedition skippers and more.
www.cheetahmarine.co.uk | 01983 852398
- RS Electric Boats' parent brand, RS Sailing is internationally renowned for producing durable, award winning, and fun sailing dinghies. RS Electric Boats was born from the company's desire to reduce emission from chase boats. Production facilities for its Pulse 63 – a RIB with fully integrated electric hard drive – has recently moved to the Hamble. The Pulse 63 is 100% electric, uses emissions-free propulsion, and is made using sustainable materials.
www.rselectricboats.com | www.rssailing.com | 01794 526760

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