

Electric boats best suitable for megayacht tenders

Why More and More Yacht Owners and Captains Are Turning to Electric Propulsion



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Changing Perceptions of Electric Boats

For a long time, electric boats were perceived as slow, sluggish, complicated, and impractical. However, modern boats designed with electric propulsion in mind now offer performance comparable to that of combustion engines. Significant advancements in battery technology have resulted in ranges that are sufficient for most typical applications. Additionally, marine-specific batteries now come equipped with various safety features, ensuring their reliability and safety.

Pioneering Role of Designboats Switzerland Ltd

Many years ago, 'Designboats Switzerland Ltd' took a pioneering role in developing modern, ultra-light sports boats and tenders. These boats, known under the label 'Tender by Designboats' and recipients of various design awards, quickly gained a large and loyal following and are now used in many inland and coastal areas. Recently, an increasing proportion of the available electric versions of almost all types of boats have been ordered.

Custom-Made Boats and Tenders

In addition to the 'Tender by Designboats' models, we have been offering custom-made boats based on extensive experience and comprehensive know-how. Our focus is mainly on custom-made individual products, such as exclusive dayboats or tenders for luxury yachts. These boats are developed and manufactured according to the specific requirements of the yacht owner or their designer. Our infrastructure is ideal for boats up to 12 meters in length, although we have successfully completed projects up to 15 meters. Whether the propulsion is diesel or electric is entirely up to the customer; our company excels in both and understands the unique requirements of each.

Electric Propulsion in the Megayacht Sector

Especially in the megayacht sector, electric propulsion is ideal for tenders. These tenders typically cover short distances and, between missions, are stored on board the mother yacht, where an appropriate charging infrastructure is available. The nearly silent, exhaust-free, and vibration-free drives provide guests with an unparalleled driving experience. Electric megayacht tenders are thus practical and comfortable for everyday use. Furthermore, electric boats are almost completely maintenance-free, making them cost-effective in terms of maintenance and operating expenses. With typical warranty periods for batteries up to ten years and the extremely low maintenance and operating costs of an electric boat, the additional initial costs can be recouped after a short period of use.

Importance of Purpose-Built Electric Boats

However, for an efficient and smoothly functioning electric boat or tender, the design must cater specifically to the requirements of a battery-powered electric boat from the outset. Simply converting an existing boat concept to an electric version is unlikely to achieve the desired results and may not provide the customer with complete satisfaction.

Expertise of Designboats Switzerland and Compositeworx GmbH

Designboats Switzerland and its sister company, Compositeworx GmbH, have many years of expertise in developing and constructing high-quality sports boats and yacht tenders. Combined with modern composite production infrastructure and experience from numerous custom-made projects, this ensures that the boats built by Designboats.ch deliver the promised results. Clients can trust that their projects are in experienced and reliable hands at the renowned Swiss shipyard located on Lake Constance, near the German border.

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