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News



Austrian shipyard Silent Yachts has once again raised the bar in the

maritime industry with the launch of two Silent 62 catamarans, featuring a revolutionary and ultra-efficient drivetrain. This marks a significant leap forward in the realm of solar electric catamarans, promising an unprecedented combination of efficiency, silence, and cutting-edge technology.

Michael Köhler, the Founder and CEO of Silent Yachts, couldn't contain his enthusiasm about the groundbreaking drivetrain, hailing it as *“our most efficient, silent, and high-tech drivetrain to date - resulting in more range and higher top speeds.”*



The state-of-the-art drivetrain, drawing inspiration from automotive standards, is poised to transform the travel experience for owners and guests alike. Key features include:

Advanced Battery Technology: The upgraded battery introduces higher energy density and increased capacity, translating into faster charging rates and optimized thermal management for an extended lifespan.

Safety First: The water-cooled battery undergoes rigorous certification by DNV-GL and Lloyd's Register, featuring an IP65 rating and a self-contained monitoring and extinguishing system, ensuring the highest safety standards on board.



Efficiency Unleashed: The electric motors boast an outstanding efficiency rating of around 96%, harnessing the latest Synchronous Reluctance Permanent Magnet (SRPM) technology for optimal performance across the operational range.

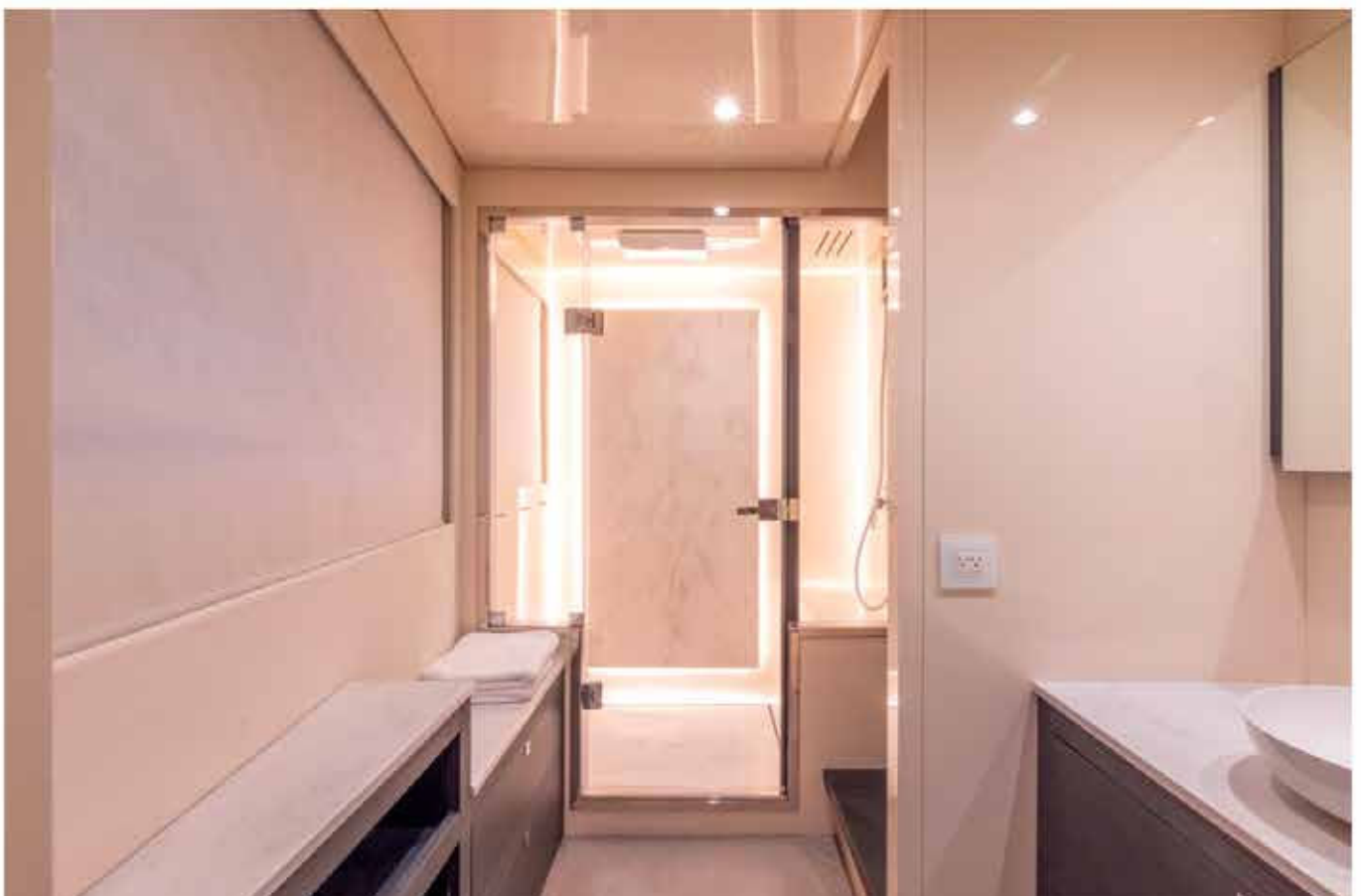
Whisper-Quiet Propulsion: Full carbon propellers, resembling those found on submarines, eliminate vibrations and noise, ushering in a new era of efficiency and serene cruising on the water.





Innovative Meeting Spaces

One of the Silent 62 catamarans introduces a unique layout, strategically designed to host business events on board. Michael Köhler shared insights into this innovative configuration, stating, “It’s the first Silent catamaran to feature the possibility of several meeting rooms.”



Transformative Master Cabin: The master cabin on the main deck undergoes a remarkable transformation, evolving into a fully equipped meeting room with a large table and seating for up to ten people. Flexibility is key, with the ability to convert it back into a bed when needed.

Collaborative Spaces: Additional meeting rooms find homes in the starboard cabin in the hull and the salon, providing intimate spaces for up to six people to collaborate on projects.



Immersive Audio Experience: The yacht is equipped with a custom audio system from Martin Audio, featuring 32 speakers strategically placed throughout the yacht, creating an immersive auditory experience.

Hydraulic Stern Platform and Charter Availability

Beyond its innovative features, this Silent 62 comes with an enlarged hydraulic stern platform, providing space for two electric jet skis directly connected to the yacht. Available for charter, this vessel promises a unique blend of luxury, innovation, and efficiency as it graces the waters of Florida.

Front Exit Configuration

In addition to the meeting rooms version, another Silent 62 with the popular 4+1 front exit configuration (4 guest cabins + 1 crew cabin) has recently been launched, showcasing Silent Yachts' design versatility.

(Silent Yachts: the Next-Gen Solar Electric Catamarans - barchemagazine.com - December 2023)