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SILENT 55 to make world debut at Cannes Yachting Festival 2018

CATEGORY . NEW LAUNCHES



SILENT-YACHTS is proud to introduce the SILENT 55 at her world debut at the 2018 Cannes Yachting Festival (September 11-16, 2018).

The SILENT 55 is a production cruising catamaran powered by solar energy. The yacht uses silent electric propulsion for unlimited range, with no noise or fumes and minimal vibration, and is self-sufficient as well as virtually maintenance-free.



The SILENT 55 will be located at Stand MULTI005 at the Cannes Yachting Festival. SILENT-YACHTS will introduce her to the world at 16:00 on September 12, when the company will welcome members of the media on board the SILENT 55 to learn more about this groundbreaking new production yacht.

SILENT-YACHTS was founded by Heike and Michael Köhler, who have spent 5,000 days aboard cruising more than 75,000 miles all around the world. They launched the SOLARWAVE 46, the first fully self-sufficient blue-water catamaran in 2009 after years of testing solar-powered propulsion. SILENT-YACHTS features four models: the new SILENT 55, the SILENT 64, the SILENT 55 VIP Ferry, and the SILENT 79, revealed in August 2018.

CONFIGURATIONS

Available in up to five power configurations to suit a variety of cruising applications, the SILENT 55 can be equipped as a "Cruiser" version, with a pair of 30 kW motors or as an "E-Power" version with 2 x 250 kW motors. A "Hybrid Power" version has 2 x 220 hp diesel engines and two 14 kW electric motors. The "Sailor" version can be equipped with all the previously mentioned drivetrain configurations is rigged with a mast and sails to provide additional propulsion in fair winds.



With 30 high-efficiency solar panels rated for approximately 9 kilowatt-peak, the SILENT 55 uses maximum power point tracking (MPPT) solar charge regulators and lithium batteries, which provide capacity for all-night cruising, while a 15-kVA inverter provides power for all household appliances. The systems require hardly any maintenance and produce no fumes or noise.

According to Michael Köhler, SILENT-YACHTS CEO, the brand produces the first and only oceangoing solar-electric production catamaran in the world. "What this represents to the yachtsman, among other features, is the ability to cruise for many hours at normal speed, and throughout the entire day and evening at reduced speed," Köhler says. "SILENT-YACHTS sets the standard for an entirely new dynamic and a new class in yachting, combining the advantages of a sailing boat (silence, powered by free natural energy) with the luxury of a motorboat (power available whenever needed). Pure solar-powered luxury."



FIVE DIFFERENT LAYOUTS

The SILENT 55 is available in five different layouts ranging from three to six staterooms with three or four heads. A full-width central owner's stateroom is the centerpiece of three of the layouts, with guest staterooms located in port and starboard hulls. All staterooms offer double or twin berths, and heads all include a separate shower. Other layouts are available on request.

THE CONSTRUCTION

The SILENT 55 is built using vacuum-bagged resin infusion to create a lightweight glass-sandwich composite construction that has sound- and temperature-insulating qualities. The hull is reinforced with carbon fiber at stress points, and uses vinylester resin to prevent osmotic blistering.

Designed with sealed deck sections and collision compartments for safety, the SILENT 55 uses watertight bulkheads and integrated interior furniture to create a torsion-resistant hull structure.

Join SILENT-YACHTS at the Cannes Yachting Festival and welcome the future of cruising on the SILENT 55.

<https://www.silent-yachts.com/>

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