

Yachting

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Silent Yachts Launches SY80 Flagship

The all-electric, solar-powered 80-foot catamaran will premiere at the 2025 Cannes Yachting Festival.

By Sam White | July 9, 2025



Silent Yachts' new SY80 is available in three layouts and emphasizes zero-emissions cruising, large-volume living spaces and Italian craftsmanship. *Courtesy Silent Yachts*

Silent Yachts has launched the first hull of its SY80, an 80-foot solar-electric catamaran that marks the Italian builder's most ambitious project to date. The vessel is scheduled to make its world premiere at the Cannes Yachting Festival in September 2025.

Built in Fano, Italy, the SY80 extends the company's sustainability-focused approach to a larger platform. This first unit is a 2-deck version tailored to the owner's preferences. Measuring 24.38 meters in length, the SY80 offers increased interior volume, expanded solar capacity and a larger battery system than its predecessors.

Available in three layouts—2-Deck, 3-Deck Open, and 3-Deck Closed—the SY80 can accommodate up to 12 guests. Owners can opt for either an on-deck master suite or a fully open-plan main saloon with the master located below. The layout of the first hull includes four guest staterooms, with dedicated master and VIP suites.

Social and relaxation spaces include a panoramic salon, multiple lounge areas, a bar and an upper deck with sunbeds. A dedicated helm station allows for navigation with 360-degree visibility. Practical features include a hidden garage built into the aft port hull and a separate equipment locker in the starboard hull, both suitable for stowing water toys or dive gear.

On the performance side, the SY80 combines silent, solar-powered cruising with substantial battery capacity—522 to 696 kWh, depending on configuration—and a 22.4 kWp solar array. The yacht cruises efficiently at 7 to 8 knots and can reach a top speed of 12 knots with near-zero emissions.

Silent Yachts reports that two additional SY80 hulls in the 3-deck configuration have already been sold.

Silent Yachts SY80 Specs

- **Length Overall:** 80 feet
- **Beam:** 36 feet
- **Draft:** 3.9 feet
- **Top Speed:** 12 knots
- **Cruising Speed:** 7–8 knots
- **Solar Array Output:** 22.4 kWp
- **Battery Capacity:** 522 kWh / 696 kWh
- **Guest Capacity:** Up to 12
- **Layouts:** 2-Deck, 3-Deck Open, 3-Deck Closed