

SILENT 80 — SILENT YACHTS



Builder: SILENT YACHTS

Year Built: 2020

Model: Catamaran

Price: PRICE ON APPLICATION

Location: Italy

LOA: 79' 8" (24.28m)

Beam: 35' 8" (10.87m)

Min Draft: 0' 0" (0.00m)

Max Draft: 3' 11" (1.19m)

Cruise Speed: 10 Kts. (12 MPH)

Max Speed: 12 Kts. (14 MPH)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **SILENT 80 — SILENT YACHTS** from **our catalogue**. Presently, at **Shestakov Yacht Sales Inc.**, we have a wide variety of yachts available on **our sale's list**. We also work in close contact with all the big **yacht manufacturers** from all over the world.

If you would like to buy a yacht **SILENT 80 — SILENT YACHTS** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

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SPECIFICATIONS

Overview

A SILENT yacht can cruise up to 100 miles a day without fuel, permanently and for weeks featuring virtually unlimited range. SILENT solar power systems feed the electric propulsion of the catamarans (short term speed up to 20kn) and all household energy needs. It's able to generate enough power through its high-efficiency solar cells to power both onboard amenities as well as propulsion.

Light-weight Lithium-Batteries provide ample energy for the propulsion as well as for all household appliances, e.g. for television, air-conditioning, ice-machine, water-maker, laptop etc. There are various types of lithium-batteries on the market. The brand we are using is among the most expensive ones. But they are best regarding liability, safety, performance, weight and life-span.

Reliability: The solar-panels are integrated in the roof, so there is no wind-load on them. The batteries and electric-motors are inside the boat in a dry and safe place. All wiring is tin-covered and all plugs are specially designed for marine operation. All parts exposed to the marine environment are made of corrosion-resistant materials. All components are virtually free of maintenance. So the operating-costs are much lower than on a comparable conventionally powered catamaran. Luxury depends on energy, always available, like at home with 220/110 Volt electricity. All kinds of electric consumers can be connected. Without operating a generator you can watch football on TV, have a cold beer, run air-conditioning and enjoy bright interior and exterior lighting – for as long as needed. Production of up to 3.000 litres of drinking water per day grants you a kind of comfort you would not have considered possible up to now. This is “SILENT” and emission-free luxury.

Maintenance: The diesel range-extender requires much less attention than 2 large diesel-engines or sails in a conventionally powered catamaran. Solarpanels have a guaranteed life-span of more than 25 years. After that time it will be quite cheap to replace them. The Lithium batteries have a guaranteed lifespan of 8 years. The electric motors are completely free of maintenance. So the maintenance-costs are much lower than on a comparable conventionally powered catamaran.

Performance and Efficiency: Due to their exceptionally low weight, the streamlined shape and the towing-tank optimised underwater-lines, SILENT Yachts have less wave drag and friction than other sailing- or motor-yachts. This unique efficiency makes them fast and enables self-sufficient propulsion. Range is unlimited with solar powered electric propulsion = more than Transocean-range.

Range-Extender: A diesel generator provides ample energy in case of longer periods of bad weather. It starts automatically when the batteries are low and ensures properly filled batteries to supply the propulsion as well as all household appliances. Range is unlimited with solar powered electric propulsion = more than Transocean-range.

Redundancy and Safety: All vital components are redundant to ensure double safety. Due to the configuration of the particular components an overload-situation is impossible. The SILENT System is by far safer than any other propulsion like sails or diesel-engines.

Recuperation: The “Sailor” and the “Sky Sails” version of the SILENT yachts can recharge the batteries while sailing. When the propellers are turned by the water-flow, the electric motors produce energy to charge the batteries.

Solarpanels: Produce the energy for the propulsion as well as for the luxury household, including air-conditioning, cooking, refrigerating etc. The energy is stored in state-of-the-art Lithium-Batteries.

Speed: Depending on the chosen motor configuration, a SILENT yacht offers a cruising-speed of 6-8 knots and a top speed of up to 20 knots.

Weight: Each kilogram less means less energy required to move the boat. A Silent-Yacht has only half the weight compared to a conventionally constructed and powered yacht. Thus she is two times more efficient – and much faster. This enormous weight reduction is due to weight-optimising design, expensive materials (Carbon, Aramid, Epoxy-resin) and elaborate construction techniques.

Basic Information

Category: Catamaran	Sub Category: Cruiser
Model Year: 2020	Year Built: 2020
Country: Italy	Fly Bridge: Yes
Cockpit: Yes	

Dimensions

LOA: 79' 8" (24.28m)	LWL: 0' 0" (0.00m)
LOD: 0' 0" (0.00m)	Beam: 35' 8" (10.87m)
Min Draft: 0' 0" (0.00m)	Max Draft: 3' 11" (1.19m)
Clearance: 0' 0" (0.00m)	MFG Length: 0' 0" (0.00m)

Speed, Capacities and Weight

Cruise Speed: 10 Kts. (12 MPH)	Max Speed: 12 Kts. (14 MPH)
Displacement: 121254.2441 Pounds	Water Capacity: 264.172052 Gallons
Fuel Capacity: 792.516156 Gallons	

Accommodations

Total Cabins: 6	Sleeps: 12
Crew Cabin: 1	Crew Sleeps: 4
Crew Heads: 1	

Hull and Deck Information

Hull Material: Fiberglass Sandwich	Exterior Designer: TOO-Design
Interior Designer: TOO-Design	

Engine Information

Engines: 2

Manufacturer: ELECTRIC

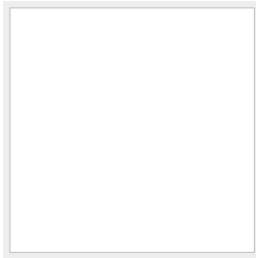
Model: E- Motors 80kW

Engine Type: Inboard

Fuel Type: Electric

PHOTOS

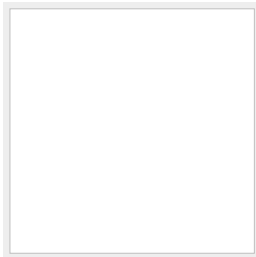
Silent 80 - sideview - loft version



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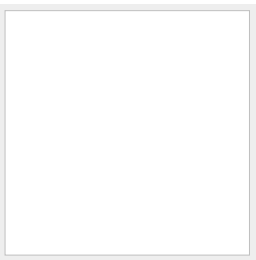
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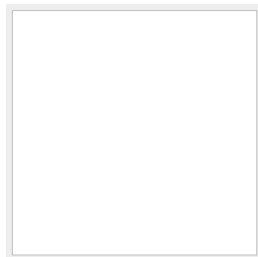
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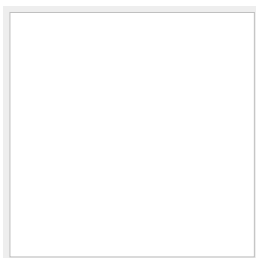
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SILENT-YACHTS_SILENT80_Render_Ext_17_TenderGarage



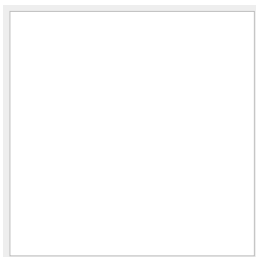
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SILENT 80_Cockpit3



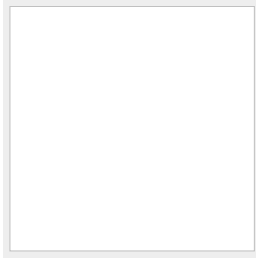
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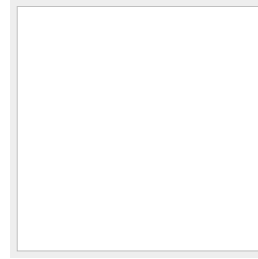
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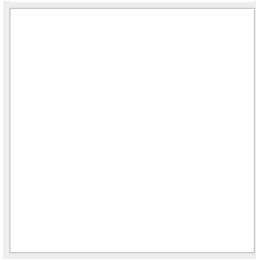
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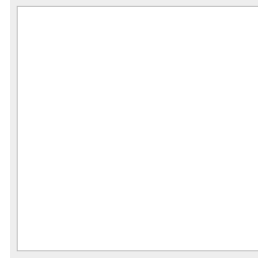
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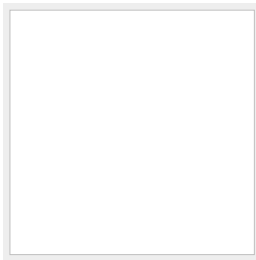
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SILENT-YACHTS_SILENT80_A_Salon_03



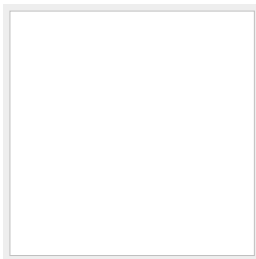
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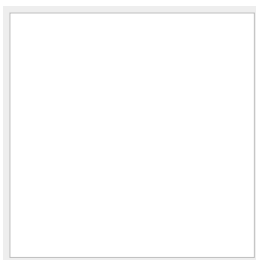
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SILENT-YACHTS-Salon_Loft6



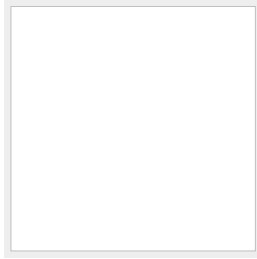
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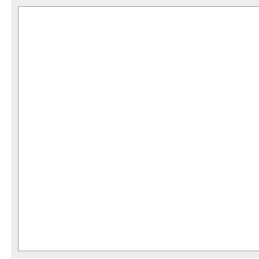
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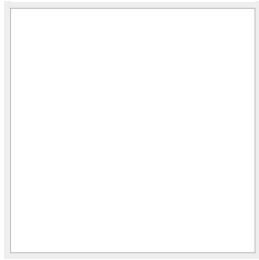
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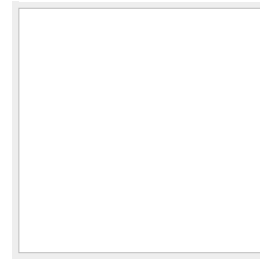
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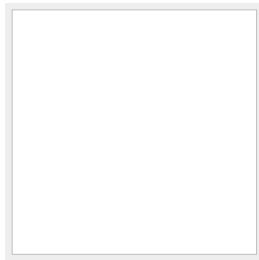
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SILENT-YACHTS_SILENT80_C_Mastercabin_Bathroom+Sauna_2



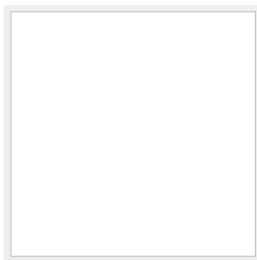
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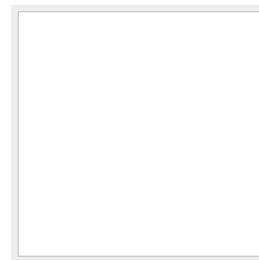
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SILENT-YACHTS_SILENT80_E_GuestCabinStbd_02



SILENT-YACHTS_SILENT80_E_GuestCabinStbd_03



SILENT-YACHTS_SILENT80_G_PlayCabin_01



CONTACTS

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