



SILENTYACHTS

03Y

SILENTYACHTS



Best-in-class volume with full customization

Prepare to be surprised by the SY80's impressive volumes and the flexibility to accommodate nearly any configuration you can think of. It showcases best-in-class interior volume, offering the comfort and spaciousness typically found on 35-meter monohull superyachts. With a huge open layout, large staterooms, and ample storage for your favorite toys, this cutting-edge catamaran is ready to lead you into amazing adventures, bringing you closer to the beauty of the sea.

You can choose from 2-Deck, 3-Deck Open, or 3-Deck Closed layouts. All three versions can feature an on-deck master suite or a completely open-plan salon, with the master cabin located on the lower deck.

What truly sets the SY80 apart is the opportunity for full customization on every deck, so you can tailor each space to match your functional needs and personal style, creating the yacht of your dreams.

On top of that, this catamaran is environmentally friendly. Boasting award-winning efficiency, it promises a silent, nearly zero-emission cruising experience. Proudly crafted in Italy, the SY80 combines next-generation technology with home-like comfort on the water.





SY80 2-Deck

A blend of space, comfort,
and versatility

The 2-Deck version offers plenty of space and is equipped with a dedicated helm station so you can steer your yacht while enjoying uninterrupted views. The versatile aft deck features everything you need for outdoor living: an alfresco dining area, comfortable lounge seating, and a fully equipped wet bar. The foredeck provides a serene escape for sunbathing and relaxing, with extraordinary views all around.





SY80 3-Deck Open

An expansive flybridge
for every occasion

The open third deck offers a spacious flybridge designed for ultimate relaxation and fun. Thanks to the open sides, it creates a unique indoor-outdoor feel where sun and shade come together, making it the perfect spot to unwind. You can completely customize the flybridge to fit your personal needs and lifestyle. Whether for lounging with friends, al fresco dining, or just entertaining, it's up to you!







SY80 3-Deck Closed

Custom layouts to fit your lifestyle

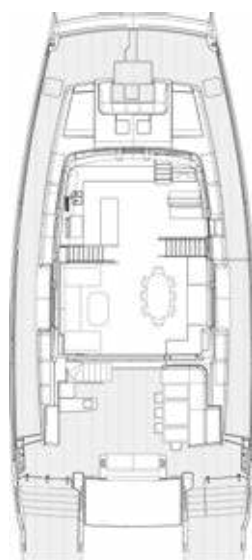
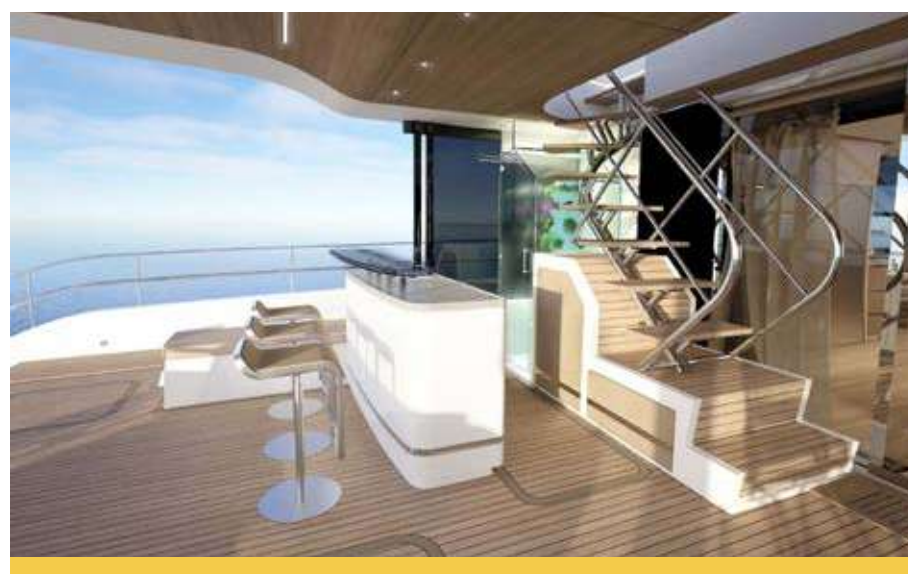
The closed third deck really adds to the exclusivity of the SY80, offering the option for a skylounge layout or a lavish owner's suite. The latter is a generous suite that comes with its own bathroom and a private aft terrace where you can easily hop onto a sunbed. If you prefer, you can opt for an indoor lounge instead, featuring a dining area fully equipped with a bar and galley. It also includes the same aft terrace, perfect for hanging out with family and friends while enjoying time onboard.



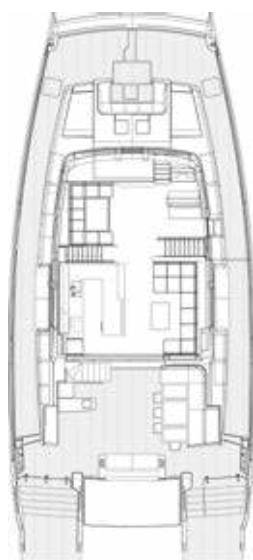


SY80

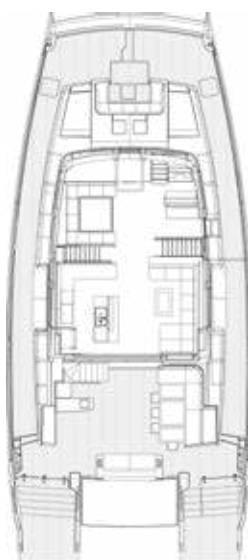
MAIN DECK



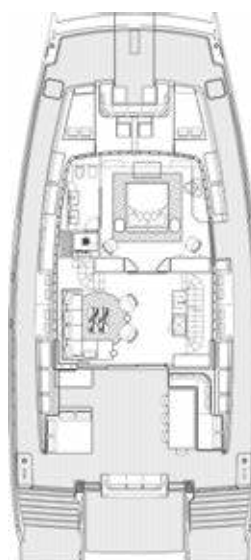
MAIN DECK
FLYBRIDGE



MAIN DECK
3-DECK



MAIN DECK
3-DECK
Alternative saloon layout



MAIN DECK
3-DECK
Alternative master cabin layout







SY80

LOWER DECK



LOWER DECK
6 CABINS



LOWER DECK
6 CABINS + GALLEY



LOWER DECK
5 CABINS + GALLEY



Technical specifications

LENGTH OVERALL	24.38 m / 79.99 ft
BREADTH OVERALL	10.93 m / 35.86 ft
DRAFT	1.6 m / 5.25 ft
DEPTH	4.42 m / 14.50 ft
AIR DRAFT	9 m / 29.53 ft ¹
AIR DRAFT MAST REMOVED	7.53 m / 24.7 ft ²
MAIN ENGINES	2 x 180 kW (continuous power) - Up to 2 x 340 kW (peak power)
BATTERY CAPACITY	400 kWh / 600 kWh
SOLAR ARRAY	22.4 kWp
RANGE EXTENDER	145 kW
FUEL CAPACITY	2 x 2500 l / 1320 US gal
WATER CAPACITY	1 x 1000 l / 264 US gal - Up to 2 x 1000 l / 528 US gal
BLACK WATER & GREY WATER	4 x 500 l / 528 US gal
LIGHT DISPLACEMENT	71 t / 156,528 lb
CRUISING SPEED	7 - 8 kn
MAX SPEED	12 kn
GUESTS MAX	12
CATEGORY	CE-A
CONSTRUCTION	Composite E-GLASS & CARBON - EPOXY

1 Measured with the yacht loaded in minimum operating condition from the waterline to the top of the mast.
2 Measured with the yacht loaded in minimum operating condition from the waterline to the mast on the roof.

Key features & facts



BATTERY CAPACITY

400 kWh
600 kWh



PEAK SOLAR ARRAY

22.4 kWp

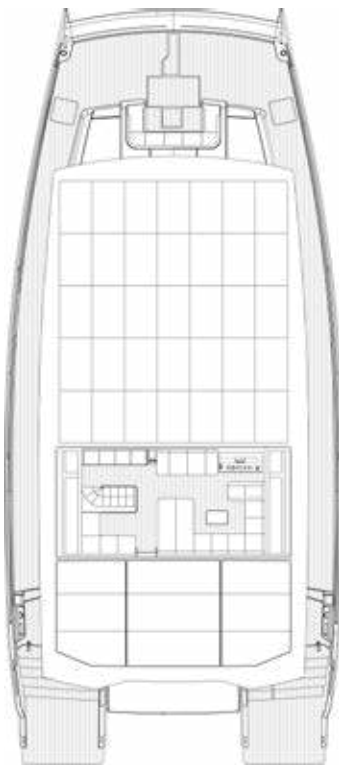


CRUISING SPEED

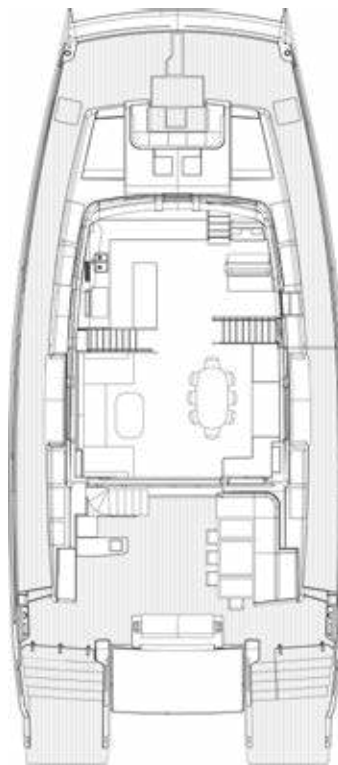
7 - 8 kn



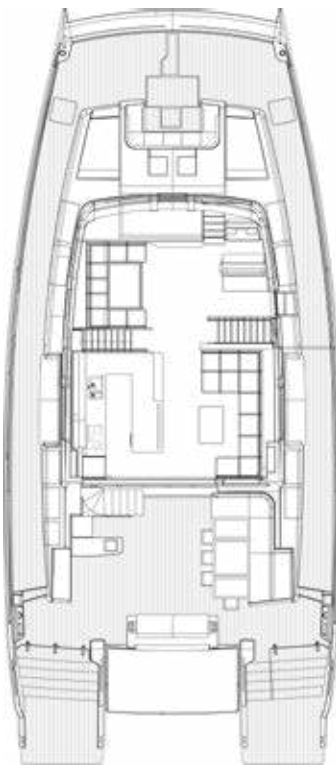
PLANS



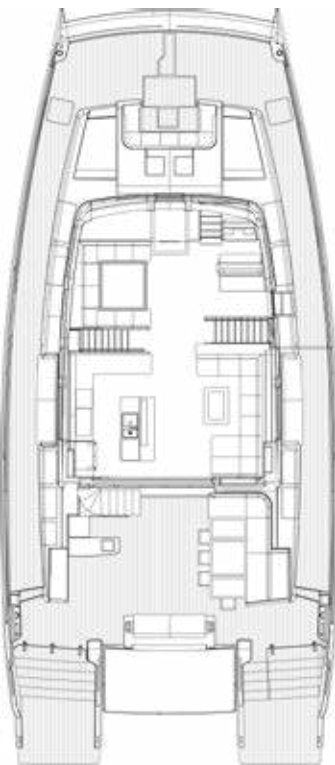
UPPER DECK
FLYBRIDGE



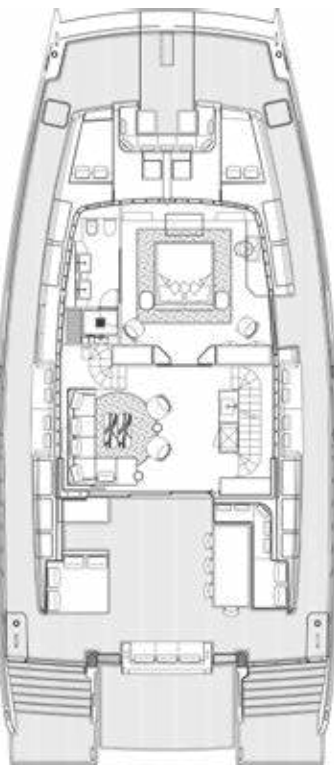
MAIN DECK
FLYBRIDGE



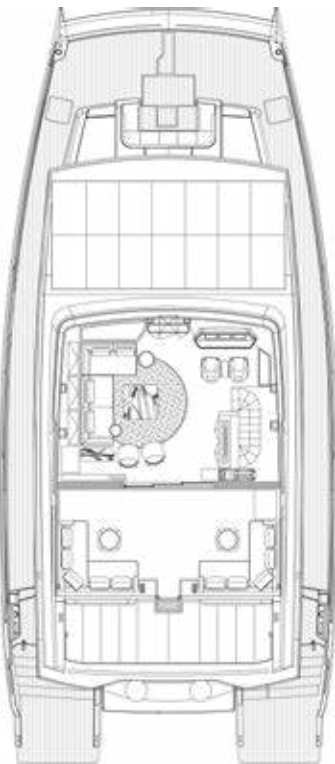
MAIN DECK
3-DECK



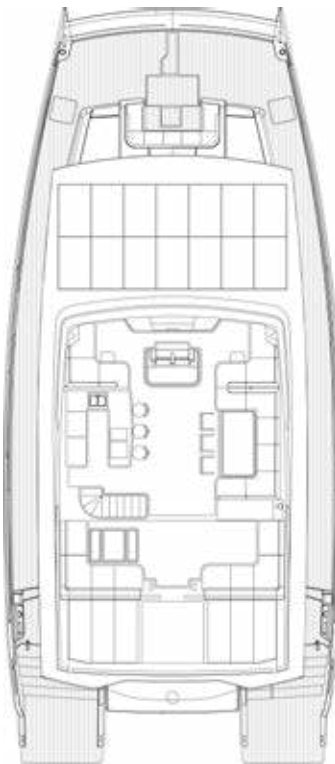
MAIN DECK
3-DECK
Alternative saloon layout



MAIN DECK
3-DECK
Alternative master cabin layout



UPPER DECK
3-DECK OPEN



UPPER DECK
3-DECK OPEN
Alternative saloon layout



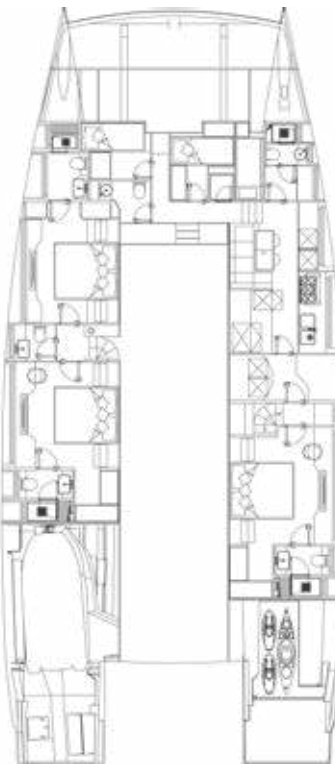
UPPER DECK
3-DECK CLOSED



LOWER DECK
6 CABINS



LOWER DECK
6 CABINS + GALLEY



LOWER DECK
5 CABINS + GALLEY

Silent Yachts

Pioneering solar
powered yachting
since 2009



Silent Yachts original founders have spent **40 years traveling the oceans** on conventional motorboats and sailboats. In the early 2000s, they concluded that there had to be a better way to power yachts and their onboard appliances. After years of dedicated research, this led to the development of the **Solarwave 46** in 2009 – their **first prototype of a solar-powered catamaran**. Since then, our electric yachts have cruised tens of thousands of nautical miles, performing flawlessly in a variety of weather conditions across the Mediterranean, Caribbean, Atlantic, Pacific, and Indian Oceans. Our first model, the **Silent 64, was launched in 2016**, several years before any other shipyard explored the possibility of going electric.



“

Solar power is the perfect energy source for a yacht. It brings us closer to the beauty and power of nature. Even better than sailing – as it combines the advantages of sailing and motorboating in an unprecedented way.

THE ADVANTAGES OF SOLAR-ELECTRIC YACHTING

- **Emission-Free**
- **Noise-Free**
- **Fume-Free**
- **Vibration-Free**
- **Oceanic Range**
- **Minimal Maintenance**



What's behind our uniqueness

Sustainable technology

With solar power driving propulsion and supplying energy to navigation, household, and comfort appliances (including air conditioning), **our catamarans provide an environmentally friendly yachting experience.** When the sun isn't shining, power is drawn from advanced lithium batteries charged by photovoltaic modules on the top and middle deck roofs. Our solar-electric drivetrain features **market-leading solar panels, powerful electric motors, cutting-edge lithium batteries, and an efficient backup generator.**



HOW OUR YACHTS ARE POWERED

SOLAR PANELS

We use the most efficient, advanced, and highest quality modules currently available. The arrangement, positioning, and charge regulation are key factors that allow our yachts to harvest substantial amounts of energy from the sun.

BATTERIES

When the sun isn't shining or when more power is needed than the solar panels produce at the moment, our water-cooled lithium batteries supply energy for both the propulsion system and all household appliances. These batteries offer top-notch reliability, safety, and performance.

ELECTRIC MOTORS

All our yachts are equipped with industry-leading dual electric motors. With substantial instantly available torque, they provide a powerful and smooth drive, completely free of the noise, fumes, and vibrations typical of conventional combustion engines.

RANGE EXTENDER

During extended periods of unfavorable weather, long-distance passage making, or when higher speeds are needed for more than a few hours, an efficient diesel generator recharges the batteries. This ensures that you never run out of power, even when the sun isn't shining.

Purpose-built design

While solar-powered catamarans are gaining traction, **not all electric yachts deliver the same experience.** Integrating solar technology into a yacht involves more than just adding panels: it requires a thoughtful approach to efficiency, range, reliability, comfort, durability, and sustainability. **Our yachts are designed from the ground up to be fully solar-powered.** Unlike retrofitting existing models, **our dedicated design ensures optimal performance across all aspects**, including weight, solar production, range, speed, consumption, space, safety, and lifespan. This approach gives our yachts a distinct advantage in the solar yachting field.



Catamarans Made in Italy

Silent Yachts has chosen Italy as the cornerstone of the Company, with our facility based in Fano. By leveraging Italian renowned competence in yacht design and construction, exceptional craftsmanship and a deep-rooted nautical tradition, we pay homage to the country's technical expertise and artisanal heritage. **Our catamarans, proudly Made in Italy, showcase top-tier quality, innovative design, and exceptional craftsmanship.** With meticulous attention to detail, we ensure that each yacht delivers long-lasting performance. We are honored to present Italian excellence worldwide and lead the way in sustainable yachting solutions.

Semi-Custom Yachts

We collaborate closely with each owner to create a yacht that feels truly personal and unique. We offer **a range of deck and cabin configurations** to suit your specific desires and needs. For those who wish to have their office on the water, **we can adapt internal spaces to create spacious meeting rooms onboard.** We also invite you to choose materials and colors for the interiors that reflect your personality and lifestyle. **Our approach is designed to foster a meaningful and lasting connection** with each owner, ensuring that your yacht is both functional and aligned with your individual style.

The value of going solar

Enhanced yachting experience

NOISELESS

Without diesel engines, our yachts offer a quiet and peaceful journey, letting you fully embrace the sounds of the sea.

FUMELESS

No fossil fuel combustion means zero exhaust fumes, ensuring a cleaner experience for passengers and the environment.

VIBRATIONLESS

Unlike traditional engines, our electric motors eliminate vibrations, ensuring a smooth, comfortable ride.



Hassle-free ownership

UNLIMITED RANGE

With a clever balance of energy production and consumption, Silent Yachts travel infinite distances powered by the sun.

MINIMAL MAINTENANCE

Electric engines and their drivetrains have few moving parts, reducing the need for maintenance and making ownership more convenient.

LOWER RUNNING COSTS

Minimal maintenance translates into significantly lower running costs needed to keep your yacht in top shape.

Freedom from fuel stops

NO FORCED RECHARGING STOPS

Unlike conventional yachts that rely on regular refueling, our solar-powered models allow you to recharge effortlessly wherever you are, giving you true independence.

LOWER FUEL EXPENSES

Solar power eliminates fuel costs, providing significant savings on running costs, as fuel prices continue to rise.

MORE TIME ON THE WATER

Recharge anywhere, anytime, and spend more quality time enjoying the journey instead of docking at crowded marinas.



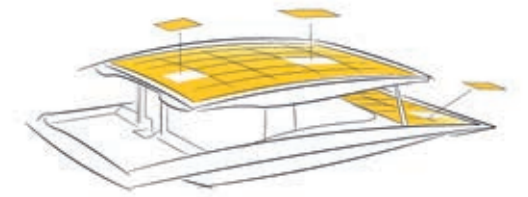


The unmatched benefits of a science & experience based design



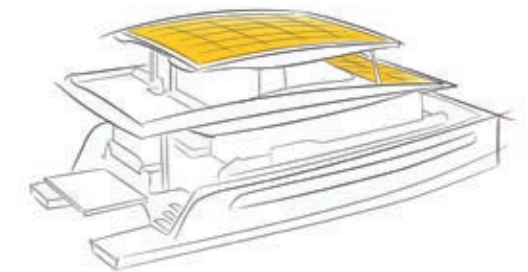
Bolt-On Construction

Our bolt-on construction design makes it **easy to replace individual panels** for repair or to upgrade them to more efficient versions in the future. In contrast, solar panels that are directly integrated into the hull or glued onto the roof are not designed to be replaced when necessary.



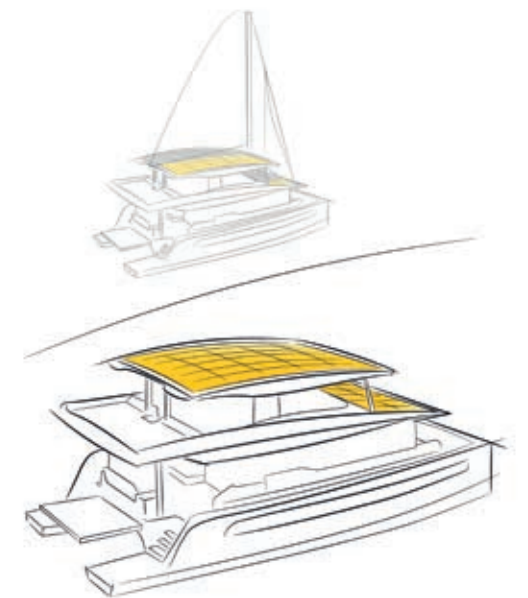
Rooftop Positioning

Placing the panels horizontally on the top ensures optimized energy harvest. Compared to vertical panels integrated into the hull, this positioning **captures more energy from the sun** while also protecting the solar cells from damage during mooring or contact with seawater.



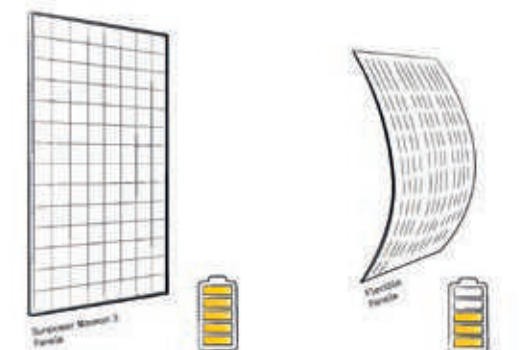
Zero Shade Principle

Silent Yachts intentionally exclude sails or wind turbines, as they can cause partial shading that significantly reduces energy output and efficiency. Our catamarans feature solar panels on the rooftop, **ensuring that no elements cast shade**, thereby maximizing the harnessing of solar energy.



Market-Leading Panels

The **rigid glass solar panels** used on our yachts offer **market-leading efficiency**. Flexible panels mounted on curved surfaces or integrated into the hull are generally less efficient, prone to output-reducing microcracks, and have a much shorter lifespan with a consequent reduction in warranty coverage.



Our Vision

“ To inspire a global movement towards eco-friendly travel and sustainable living that coexists harmoniously with the preservation of our planet’s natural beauty and resources.



What fuels our vision

We pursue our vision by embedding our core values into every aspect of our work, ensuring that each step forward is aligned with our commitment to innovation, sustainability, and meaningful connections.

IMAGINATION

We are committed to fostering an insatiable sense of wonder and exploration. With a visionary spirit, we push boundaries and challenge the status quo, daring to dream big and think outside the box in pursuit of new horizons and endless possibilities.

PROGRESS

Innovation is in our DNA. We embrace cutting-edge technologies and forward-thinking solutions seeking to redefine the possibilities of sustainable yachting. With an unwavering commitment to progress, we lead the way in the industry.

RESPONSIBILITY

Environmental stewardship guides every decision we make. Our commitment to sustainability shapes our identity. By leading with responsibility, we pave the way for a cleaner, brighter future.



INSPIRATION

Silent Yachts is more than a brand. We're a beacon of inspiration, motivating our customers to pursue a sustainable lifestyle and to embrace new perspectives. Through innovation and creativity, we inspire positive change within the industry and beyond.

CONNECTION

We care about our customers. We understand their desires and strive to create products and experience that align with their values and resonate with them emotionally. We continuously listen to customer feedback to enhance our products and services.

Our Promise

Silence

The tranquility on board our yachts is unique. The **absence of noise, fumes, and vibrations** creates an intimate bond with the sea. Here, comfort and sustainability merge into a holistic experience, working in harmony with nature to minimize environmental impact while ensuring a **high standard of onboard living**.

Autonomy

Silent Yachts' catamarans stand out for their exceptional autonomy. With the **ability to generate your own energy**, you can enjoy a fully self-sufficient lifestyle on board. Our yachts provide virtually unlimited range, allowing you to cruise sustainably. Without the constraints of fossil fuels, you are **free to explore the oceans**.

Long-Lasting Sustainability

At Silent Yachts, we focus on durability and believe that true sustainability begins with creating long-lasting products. Our modular design allows owners to **easily upgrade key components** like solar panels, batteries, and electric motors. This approach aligns with our environmental values and ensures that **a Silent Yacht today will stay state-of-the-art in the future**.





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