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**Silent-Yachts** has announced that the first 36-metre **Silent 120** yacht is in-build at their shipyard in Turkey. The impressive flagship solar catamaran is able to create enough energy to not only power the yacht but all of her appliances.



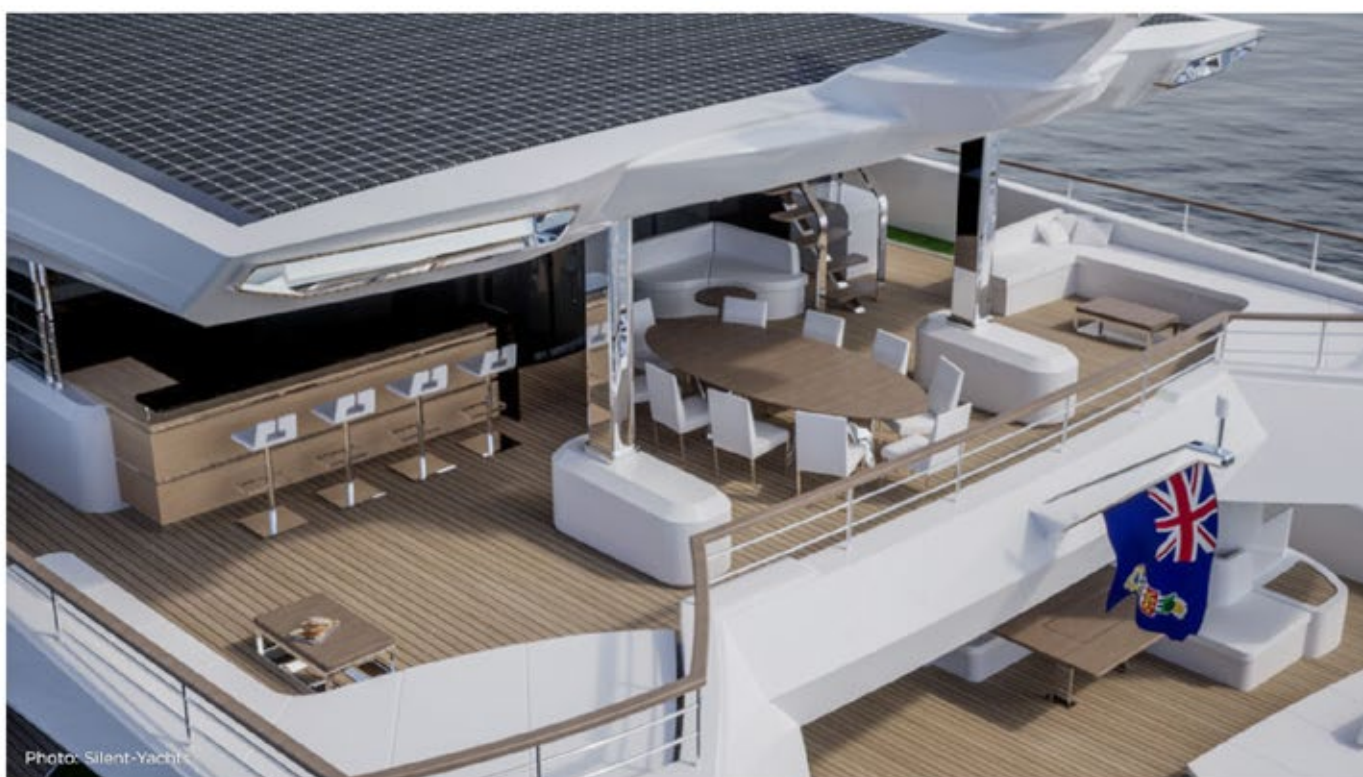
Photo: Silent-Yachts

The first unit of the **Silent 120** catamaran began construction three weeks ago and is described by **Silent-Yachts** founder Michael Köhler as a “unique trend for the future of green yachting.” The green yacht is able to use its solar panels to generate between 30-40 kWp of solar energy.





The aluminium [Silent 120](#) yacht has a huge interior volume but remains under the 500 GT mark. She has been designed in full by [Marco Casali Too Design](#) who was responsible for her interior and exterior design as well as her naval architecture.



[Silent 120](#) has custom design at the heart of her, with the first hull featuring a swimming pool on the aft deck and grassy areas for walking dogs on her side decks. Her solar hardtop is also designed to slide out in two sections reveal a touch-and-go helipad. When not in use, the upper sun deck can be used for sunbathing.





Photo: Silent-Yachts

The **Silent** 120 explorer yacht is equipped solar panels on her roof, with the addition of back-up generators for fast running. As a result of this, she is able to cruise at a comfortable eight knots and can reach a top speed of 16 knots.



Photo: Silent-Yachts

The **Silent** 120 yacht has an expected delivery date of early 2024.



Silent Yachts has also reported success in other areas of the shipyard with 11 other catamarans over 24-metres in-build; seven Silent 80 yachts and four Silent 82 yachts, in Turkey.