



VIP &
LUXURY YACHT



ABOUT

Azure Yacht Italy



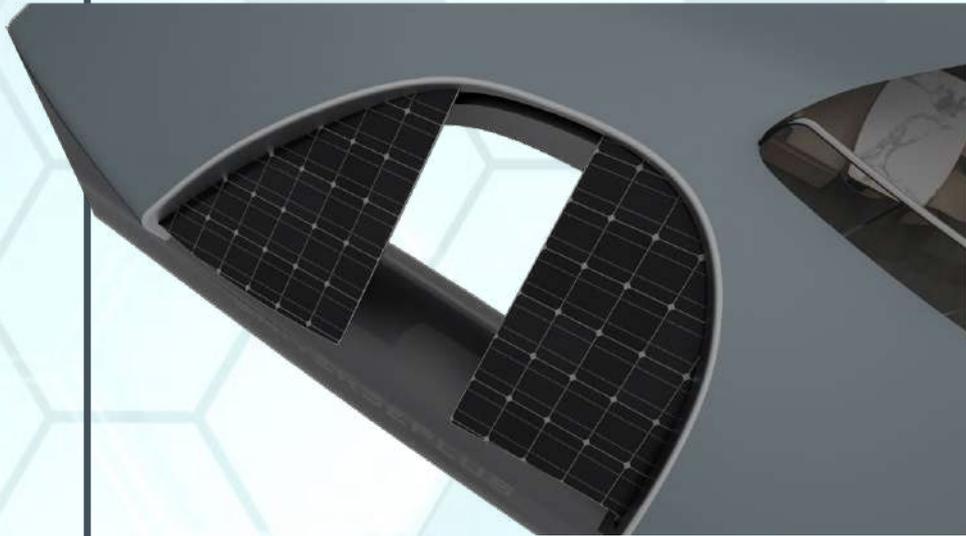
AZURE means sky blue, and now it is endowed with a new meaning. We are going to interpret it extraordinarily on the ocean. AZURE, is just the name for the new yacht we are developing in Italy.

This yacht will apply the most advanced solar technology as the power and endurance energy of the hull, which allows it to travel around the world without docking at any port for a supplement.

we are committed to researching and developing high-tech products with sophisticated and professional technology in the process of designing a solar yacht. Gradually we will make the transition from solar hybrid power to solar-powered.



AZURE, born out of a passion for vision and excellence. We are committed to infusing our insistence to quality and innovation.



As shown in the figure, the solar panel is stretched.

The research parts mainly include:

The hull is effectively covered by efficient and high strength silicon substrates solar panels. The monocrystalline silicon solar panels are combined with the yacht power system to transform solar energy into electrical power effectively.

The high-density lithium-ion battery ensures the power supply of yacht navigation and other needs. The nonlinear charge and discharge increase the stability of the output of the battery.

In extreme weather, we use the yacht energy storage device to output electrical energy to the power system to ensure uninterrupted navigation.

Because of its characteristics of energy conservation and environmental protection, the solar yacht industry is supported by the governments vigorously. Besides, hybrid powers ensure the safety of the yacht, while the intelligent control system reduces the complexity of the operation. Also, we effectively increase the navigation mileage as far as possible when ensuring passengers comfort, and fashion appearance design. All of them greatly increased the foresightedness and innovation of the solar yacht industry.



Stable Technology

In terms of stability, we will apply the new hull suspension technology and gyroscopic stabilization technology as the support to maintain the stability of the hull. So even in a rough sea, the passengers in the cabin can still enjoy a cup of coffee or champagne.

Our main stabilizing technique for our multi-hull ships is the hydraulic suspension system. The system separates the hull from the superstructure so that the wave-induced wobble is adequately cushioned in the lower layers without transferring the force and acceleration of the hull to the deck and superstructure. So no matter at rest or a high speed, the yacht still keeps in a state of comfort, control, and stability. Through active control of the suspension system to improve stability further and remain yacht horizontal. This has great potential applicability for commercial, military and recreational vessels.

As shown in the following figure, the pontoons on both sides can be automatically adjusted up and down with the wind and waves through the suspension mechanism, to ensure the stability of the upper cabin.

We always adhere to keep innovating the technical system, performance, modeling, and other aspects to make revolutionary progress in technology and manufacturing.