

Search...

Plugin Vehicles

Driving

Living

Guides

Columns

Charging stations

## **Catamaran Powered by Sun**

Share 2

Like 2

Tweet



Solarwave 62 Cruiser is capable of producing all needed energy by itself and also storing it for nighttime use.





It's possible if you want. So they say at the Swiss company **Solarwave**, where they are manufacturing the first series of catamarans to run on solar energy. More specifically: their product is a **20-meter catamaran** that can be driven by electricity (provided by photo cells, with a generator installed as a reserve) or as a plug-in hybrid. The Solarwave Yacht has **68 square meters of solar cells** that charge two separate batteries with a **21% output**.

They produce enough energy during the day that the Solarwave 62 Cruiser can navigate at four knots throughout the **entire night**. If the batteries run out, the generator can support them, since it produces enough energy for the needs of all the energy consumers on board, as well as for driving the vessel.

The Solarwave 62 Cruiser is driven by **four electric motors**, and the batteries are **ultralight**, so that the entire boat is lightweight, only around 16 tons. Those who want to navigate at greater speed (the normal cruising speed is six to eight knots, and the maximum is ten), can use the Solarwave

62 Power version with **hybrid drive** (two 160 kW Volvo D3 motors, maximum speed around 20 knots), which can also navigate only on electricity. It is interesting that all the versions of this boat can work with smart electricity networks, meaning that batteries can be charged from them or even (in the marina, for instance) energy can be sent back into the grid, thus reducing overall costs. Price? A nicely-equipped version will cost you around **a million and a half euros**.

AUG. 10, 2015 / DRIVING

Catamaran Solarwave yachts

Share 2

Like 2

Tweet

G+

More like this:



### [The first supersports concept cars from China](#)

**Techrules**, a new, Beijing-based automotive research and development company, made its global debut at the 2016 Geneva International Motor Show by introducing the first ever Chinese supersports cars **AT96 TREV** and **GT96 TREV**, both equipped...



### [Plugin Magazine: Plug in. Take off. Enjoy! Available in stores now.](#)

The current first issue of the Plugin magazine brings news from the world of e- vehicles, new technologies, smart design and urban style.



### [Toyota is sailing towards eco friendly future](#)

Toyota is supporting a first hydrogen powered ship which is bound to circle the world, electric catamaran Energy Observer, which uses a combination of renewable energy source and system which produces hydrogen from sea water.



### [Telegram wants to release blockchain network and cryptocurrency](#)



### [Xiaomi Redmi Note 5 Quick Review, specs and features](#)



### [This company wants to end modern-day DATA SLAVERY Goodbye, dollar bills? How cryptocurrencies might soon](#)