

# ARKUP World's First Solar-Powered Livable Yacht EVER – Floating House

By **Sia Magazin** - October 20, 2019

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Meet the next generation floating house. Equipped with electric propulsion and four hydraulic spuds, ARKUP future-proof houseboat can lift itself out of the water and is completely stable at anchor.



source/image: [ARKUP/fb](#)

Our 4,350 sqft mobile floating mansion is fully solar powered and harvest rainwater in order to provide the ultimate off-the-grid water-based living experience. "You can cruise silently in the bay the find the perfect spot to anchor for the week-end: totally off-the-grid. When elevated on its hydraulic pilings, the vessel is as stable as a house, and protected from the action of the waves.



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The Arkup livable yacht was conceived to be sustainable and “future-proof”, from its ability to withstand or avoid extreme weather events, to its self-contained systems that allow fully off-the-grid living.

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The Arkup features glass walls, multiple levels subdivided into interconnected rooms, and instant access to the water. Solar power generates enough juice not just for lights and air-conditioning, but also power for its electric engines to cruise 20 miles on a single charge.

The home is propelled by a pair of 100 kW (134 hp) electric azimuth thrusters, allowing it to reach 7 knots. With solar panel technology, rain water harvesting and retractable hydraulic legs, the ARKUP is designed for off-the-grid living.

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