

New Luxury P.A.T.H. Houses are Very Energy Efficient

By Christine Walsh on Dec. 4, 2014 | Topics: [Prefab](#) | [Comments \(0\)](#)



The Prefabricated Accessible Technological Homes (or P.A.T.H.) are high-end, luxury prefab homes, which are capable of producing more energy that they require. These homes were created by French designer and architect Philippe Starck in collaboration with Slovenian prefabricated housing specialist Riko. The two partners are selling these homes under the name “Starck with Riko”.

The designer created 34 different floor plans for the P.A.T.H homes, so the future homeowners have lots to choose from. These floor plans range in sizes from 1,506 square feet (40 square meters) to 3,767 square feet (350 square meters), and they all meet the BEPOS energy standard for positive energy buildings. They feature triple-glazed, 2.48-inch thick windows and can be insulated with stone wool, glass fiber, or cellulose depending on where the home is to be located.





The creators recently unveiled the first prototype P.A.T.H home, which is located in Montfort l'Amaury near, Paris, France. Apparently this home is capable of producing 50% more energy than it requires. To achieve this, it is equipped with an IRFTS Easy Roof solar array, which is a system of 36 DualSun panels and 22 standard photovoltaic panels. Together, this system is capable of generating electricity, as well as heat the water. The solar power array can generate 11.8 MWh of electricity per year, and provides an estimated 70 percent of all hot water needed by the household. The home is also equipped with a gas boiler.

Customers can also choose between what type of outer shell they wish the home to have, namely, an all glass outer shell, an all-wood shell, or a combination of the two. The roof type, interior decorations, furniture and layout can also be specified by the buyer. Extra energy efficient features also include a roof top mounted wind turbine, which is an original design by Starck himself and made by a company called Pramac, which comes in 450 watt and 1000 watt versions. Customers can also opt for a super efficient SPEETA wood burning stove to be installed, along with a rainwater catchment and filtration system.

The price of a P.A.T.H. homes ranges \$3,166 – \$5,700 per square meter and can be delivered and assembled worldwide within six months.

