

Self-sufficient model home in Austria

Power with sun and batteries

What's so **special** about this house?

Instead of installing an **expensive heating system** the house offers **PV panels, battery** storage and modern **infrared heating** system. Compared to conventional heating systems, this solution pays for itself. Let the sun supply your energy needs! PV panels on the balconies serve as high quality solar collectors and elegant balcony paneling.



The idea for this home began in 2016. By autumn 2018 the five-family home was completed. **Solar panels** on roof, balcony and terraces provide the house with efficient solar energy. The verticle panels on the balconies are orientated for maximum solar collection during **winter sunshine hours**. This home achieves up to 100% total self-sufficiency. An intelligent **energy management** system ensures that infrared heating, hot water tank and **GREENROCK saltwater battery** distribute the energy throughout the house



Neatly installed in the basement is a clean, quiet and safe GREENROCK saltwater energy storage system. It distributes the **excess solar energy** to be **used during night hours**. Even in the event of a grids failure, the supply of electricity is not interrupted. In contrast to conventional batteries, a saltwater battery is **neither flammable nor explosive**. It is **absolutely non-toxic** and maintenance-free.



https://www.youtube.com/watch?v=X2TbeCjrQGo&list=P_Lyzu53GI3Y4GAKyLWdFxYbcT7_3O-z17W
Youtube GREENROCK Playlist