

THE FIRST STEP TOWARDS SELF-SUFFICIENCY, AT

/ Family home with the Fronius Energy Package



/ Having been interested in photovoltaics for a number of years, Christian Kasberger decided in 2012 to have a PV system installed on the roof of his own home. At first the system was fitted with a Fronius Symo with an annual production of 7,500 kWh. With a self-consumption rate of 30%, the PV system also delivered a dramatic cut in his energy bills.

/ In August 2014 the existing system received a rather special upgrade in the shape of a Fronius Symo Hybrid 4.0 and a Fronius Solar Battery 7.5. Now the Kasberger family can use their hybrid PV system to store excess energy in a battery and maximise their self-consumption rate.

/ "For me, energy independence is an increasingly important issue. Thanks to the Fronius Symo Hybrid we can largely free ourselves from the public grid. Decentralised power generation coupled with a local storage facility allows us to make our contribution towards reducing the amount of power generated from fossil fuels and nuclear sources," explains Christian Kasberger.



SYSTEM DATA	
System size	7.3 kWp
Purpose, system type	Rooftop, maximising self-consumption rate
Module type and area	Fronius Symo Hybrid: 5 kWp monocrystalline VTA 195M; Area: 32 m ² Fronius Symo: 2.3 kWp polycrystalline CNPV-300P; Area: 16 m ²
Inverter	1 Fronius Symo 8.2-3-M, 1 Fronius Symo Hybrid 4.0-3-S
Storage solution	1 Fronius Solar Battery 7.5
Commissioned	Fronius Symo: May 2012, Fronius Symo Hybrid & Fronius Solar Battery: August 2014
Annual yield	Approx. 7,500 kWh
CO ₂ saved/ year	Approx. 4 tonnes
Special feature	Energy independence thanks to decentralised power generation coupled with a local storage facility