

FUTURE-PROOF HEATING

/ With heat pumps from Ochsner in combination with Fronius



/ Increase the self-consumption of your photovoltaic system by combining it with a heat pump. Thanks to the Smart Grid interface, heat pumps from Ochsner can easily be combined with inverters from Fronius. If sufficient solar power is present, the heat pump is activated (e.g. to prepare hot water). This can significantly increase the self-consumption rate and results in greater autonomy in the supply of energy.

THE ADVANTAGES AT A GLANCE



OCHSNER
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REDUCTION OF ENERGY COSTS

/ Maximum self-consumption coupled with the fact that less energy is purchased as a result means that energy bills are reduced.

EFFECTIVE INCREASE IN SELF-CONSUMPTION

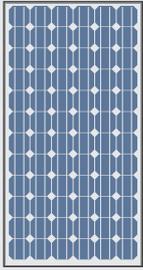
/ Heating is one of the largest energy consumers in the home, so combining the heat pump with the photovoltaic system makes a lot of sense. In addition, hot water is also needed in summer when a lot of solar power is available.

MAXIMUM ENERGY EFFICIENCY

/ Using energy where it is produced is efficient and ensures the best possible use of the available energy. For this reason it is necessary for producers and major consumers to be networked with one another.

EASY INSTALLATION

/ Simply connect the energy management output (floating relay contact) on the Fronius inverter to the Smart Grid Ready input on the heat pump: PV-dependent activation of the heat pump is now ready.



PV GENERATOR



FRONIUS INVERTER

Energy management output



Smart Grid input



OCHSNER HEAT PUMP

..... Communication path

—— Power path

CURIOUS?

/ More information on products, how they work and how best to combine them with one another can be found at www.fronius.com and www.ochsner.com.

OCHSNER WÄRMEPUMPEN

/ Perfect Welding / Solar Energy / Perfect Charging

WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,000 employees worldwide, we shift the limits of what's possible - our record of over 1,000 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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