

WATER EFFICIENCY

June 22, 2011

Trunz Water Systems Expands Range of Products With Compact Photovoltaic Systems

In order to meet the needs for energy supply in areas without infrastructure, Trunz Water Systems developed a wide range of compact photovoltaic systems called Trunz Solar Power Center. The modular solar system is either implemented as a stand-alone solution for energy supply in remote areas or in combination with a Trunz fresh water, brackish water or seawater treatment plant.

The independent and innovative solution of the Trunz Solar Power Center is based on the latest developments in photovoltaic technology and incorporates high quality components which work under harshest climatic conditions (heat and high air humidity).

Trunz Water Systems tests all parts under different conditions to guarantee a high system reliability. Moreover, the system is pre-assembled in Switzerland thereby it can be installed easily, reducing the assembly time and allowing for a fast start up of operation for the whole system.

The modular photovoltaic systems enclose thirteen standard systems. The smallest system supplies with a direct solar radiation of five hours per day 1'750 watt hours, the biggest 10'500 watt hours. Further to this, tailor-made systems are produced at customer request that fit exactly the requirements for each location.

The Trunz solar power Center is ideal for remote areas, if it is for the energy supply of a separate house, a school, a hospital, etc or a central power distributor in a village. Up to now, over 500 solar systems are already operating in more than 30 countries. Especially in developing countries with lacking infrastructure the Trunz Solar Power Center provides the local population a simple electricity supply and this thanks to renewable energy.

The Trunz Solar Power Center is not only an exceptionally energy efficient and environment-friendly solution but also an economically competitive and sustainable answer to the challenge of infrastructure improvements in poor areas.

Number of signs incl. space: 1'993 signs.

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About Trunz Water Systems

The Swiss based company Trunz Water Systems developed, manufactures and distributes sustainable and cost effective solutions for water purification and desalination as well as solar power centres. The innovative company offers sustainable solutions for the decentralised potable water and electricity supply in remote areas. The units are exceptionally energy efficient, independent, compact and environmentally friendly.

Up to now, over 450 Trunz Water Systems are already operating in more than 30 countries all over the world. All of the water treatment systems are low maintenance and easy to install. The capacity depends on the raw water quality and ranges from 7'000 to 50'000 litres a day.

Trunz' innovative and environmentally friendly technology produces clean drinking water from polluted water and salt water with solar and/or wind energy. An ultrafiltration membrane or a reverse osmosis system (for sea or brackish water) removes all virus and bacteria (and salts) without requiring toxic chemical treatment.

Number of signs incl. space: 1'053 signs.

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