

FINNSOLAR

Solar energy can significantly
reduce your energy costs

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■ COMPANY

- manufacturing, planning, marketing
- tailored to every customers special needs
- export activities

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■ PRODUCTS

- solar thermal system
- photovoltaic system
- combinations

Thermal system

- ideal conditions in southern hemisphere
- a relatively low initial investment
- short pay-back periods
- a free source of energy
- main source or back-up

FinnSolar system

- -the efficiency ratio stands at 80 %
- -comprehensive system for customers need
- -cost-effective
- -a modern and automated control unit

Photovoltaic system

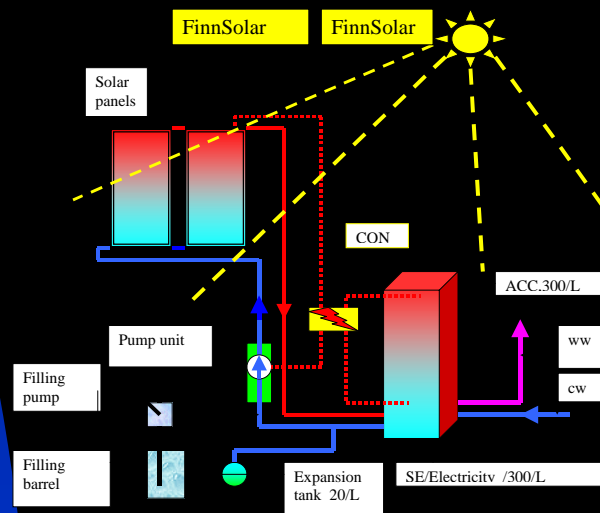
- good conditions / 5-7 kWh/m²/day
- rural areas and house-holds
- replaces kerosin, diesel generators and normal grid
- no maintenance and extra fuel costs
- cost-effective

FinnSolar photovoltaic

- violence-proof
- panel tolerates part-shades
- very high efficiency / up to 20 % more efficient than conventional panels
- panel is made of amorphous silicon, teflon coated, no glass used
- light, 64W is nine kilos
- reliable and automatic charging controller

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■ SCHEMA



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■ APPLICATIONS

- hotels, inns and spas
- camping sites
- one-family houses
- residential homes
- swimming pools
- water pumps
- irrigation
- industrial facilities
- hospitals and health clinics

- *****
- back up- and street lightning
- household devices
- lap-top charging

Partnership projects

- pv-electrification in isolated areas
 - - Guatemala
- thermal project in hotel sites
 - - seven countries

A few references

- PV-projects
- -South-Africa
 - Tanzania
 - Thermal projects
 - - Estonia
 - - Ukraine
 - - Finland
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31.5.2006

Solar energy presentation

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