fosera Pico-Solar-Home-Systems
High Quality Solution For Rural Electrification

BSW-Solar
Special Exhibition Rural Electrification
Friday, June 15, 2012
fos (phos)
greek: Light

fosera is global manufacturer of PV systems used for the generation of light and electricity
Vision & Mission

Vision

- to electrify Africa, Asia and Latin America

Mission:

- to become global market leader in the field of factory made „stand alone“ solar systems
Product: SCANDLE

- Small light system for domestic or mobile use
- For light, radio and partly cellphone
- 0.5 – 1.5W Solar module
- User price between 15 $ and 49 $
Product: BOP

- New product
- Small light system for domestic or mobile use
- For light, with night-light-function
- 0.5 – 1.5W Solar module
- Active and passive version
- User price between 10 $ and 20 $
Product: PSHS System

- Pico solar home system for domestic use
- For several lights, radio and cellphone
- 1.5 – 5 W solar module
- Can be extended by parallel connection
- User price between 49 and 99$
Product: LSHS System (12 V)

- Solar Home System for domestic use
- For several Lights, Radio, Cellphone and TV
- 10 – 20 W solar module
- Can be extended by parallel connection
- User Price 199 $
Product: Solum Street Light

- Ultra efficient Street Light for public use
- Less expensive than conventional Street Lights
- Intelligent light control
- 10 – 20 W solar module
- User price starts at 499 $
General Product Features

- High efficient long lasting LEDs
- New kind excellent LiFePO Battery
  (Lasts up to six times longer than a Pb Battery)
- Intelligent System- and Battery- Management
General Product Features

- Easy to extend
- All Systems for domestic lighting are compatible
- Plug & Play by the use of parallel connection
- No specialised knowledge needed
- Form of financial assistance because the system can be bought step by step
Application: Solar Home System

Basic electric power supply for:

- Light
- Cellphone
- Radio
- TV
Can be used to charge:

- Cellular phone
- Scandle lights
Application: School illumination

Inexpensive modular illumination of classrooms.

Also possible:

- Operation on tablet PCs
- Mini projectors
- WiFi Hot-Spots
Further Application

- **Internet Cafe:**
  - Light, Tablet PCs and WIFI Hot-Spot

- **Pico Cinema:**
  - Light, Small Projector, Sound

- **Barber Shop:**
  - Light, Hair Cutter
Fosera offers high quality product at fair prices.

The Systems are easy to extend by parallel connection and grow with the demand of the user.