Small DC Off-Grid Solutions
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   - From Solar Home Systems to PicoPV
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Where we are!
Phaesun Portfolio

Solar Components Distribution

The Off-Grid EXPERTS

Solar Systems and Projects
Solar Components Distribution
Solar Systems and Projects

**Industrial Systems**
- Telecom Systems
- Oil and Gas

**Water Systems**
- Pumping Systems
- Water Irrigation
- Water Purification
- Water Desalination

**Rural Electrification**
- Solar Home Systems
- Solar Street Lighting
- PicoPV Systems
- Hybrid/Minigrid
Standard Solar Home System
Technical Improvements

- Drop-down in module prices
- LED lighting solutions
- New battery technologies: Li-Ion
- Complete systems with integrated electronics
- Extendable solutions
PicoPV System

Modules

Hub4 Junction Box

Ulitiium 200

19.06.2012 Welcome to our territory: www.phaesun.com
DC Loads in Everyday Life
Sundaya: Ulitium and T-Lite

- Modular PicoPV-systems: Plug-and-Play technology
- Solar modules 3 – 12 Wp
- Loads
  - Ulitium Lamps
  - T-Lite
  - LCD TV
  - Mobile phone charger
- Hub4 distribution box
- Easily extendable
Goal Zero

- Designed as portable systems
- Modular systems: connection with USB hubs
- Foldable lightweight solar modules: 7 – 30 Wp
- AC and DC loads can be connected
- Variety of Goal X loads such as:
  - LED-ceiling lamps
  - Flashlights
  - Music boxes
Phocos

- Modular system
- USB-output for mobile phone charging, MP3 player etc.
- Rechargeable from 7V to 25V solar panel, 12V car or solar battery, or AC adaptor
- Rechargeable batteries (NiMH 2100mAh)
- Switch at the lamp or remote switch
Soulra

- Portable lifestyle products
- Generator: PV and/or hand turbine
- Small combined systems: e.g. cell phone charger, radio, lamp, music box etc
- Integrated battery (Li-Ion)
Thank you for your attention!

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