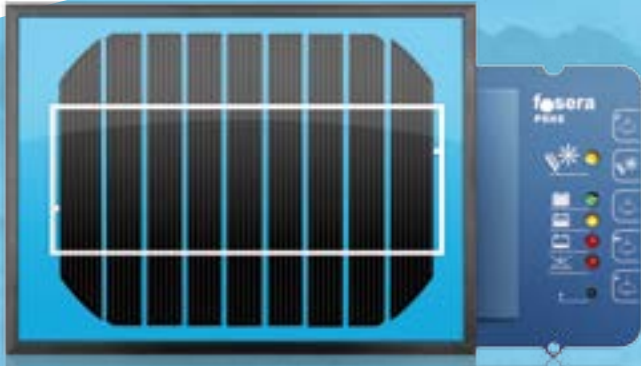


# Solar Home System

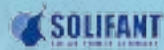
Developed to power lamps and radios and to charge mobiles



- Innovative lithium battery technology
- High life span, high cycle life, no sulphation
- Extreme low self consumption of 0,01 mA
- Easy extension
- Easy to install
- Ultra efficient fosera light
- 1W LED as bright as about 20W incandescent lamp
- 5h use per day - 15 years life span
- Crystalline cell technology
- 20 years life span
- German engineering
- Multiple application samples
- Table lamps, radio, phone charger
- Multiple application in future
- Fan, tv-set, coolers, mobile lamp (scandle), ferry light

Technical Data	PSHS 2800	PSHS 4200	PSHS 7000
System voltage	3.2 V	3.2 V	3.2 V
System capacity (C20)	2800 mAh	2800 mAh	2800 mAh
Module peak power	1.5 W	2.5 W	5 W
Module current	400 mA	650 mA	1200 mA
Lamp	fosera light 100	fosera light 200	fosera light 200
Maximum number of lamps	2 x fosera 100	2 x fosera 200	2 x fosera 200
Radio connectable	●	●	●
Phone Charger connectable	at daytime	●	●

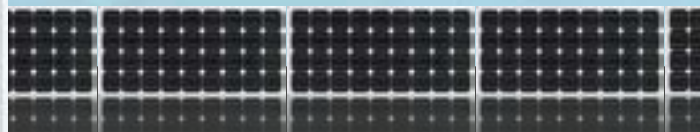
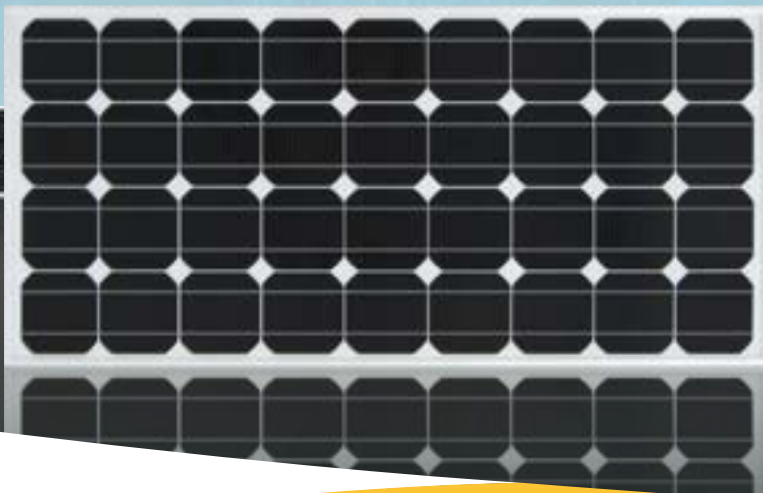
Solar Modules



SCHOTT

KYOCERA

Solar Accumulators





**Solar Water Heating System**  
Generates hot water for homes

**Solar Cooker**  
Cooking with the sun



**Solar Water Purification System**  
Safe drinking water for communities



**Off-Grid Inverter**  
Swiss made choice for quality



**Solar Water Pump**



## Zularistan

Energy for Afghanistan

All products and references under [www.zularistan.com](http://www.zularistan.com)

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# Zularistan

Energy for Afghanistan





# Zularistan

Energy for Afghanistan



Solar energy for Afghanistan means: reliable electric power supply without negative environmental influences such as noise and stench by generators – and solar power systems already amortize themselves after a short time by the renunciation of expensive fuels.

The Zularistan Ltd. does not only work with high-class suppliers, but also offer you the complete service of the consultation, the construction and the installation by a national service network with highly qualified engineers – including instruction and training.

At the same time we increasingly count on german manufacturers as well as established producers from all over the world with high-graded products.

- Zularistan solar power systems support permanently public buildings like schools, libraries and hospitals with electric solar power.
- Zularistan solar home systems provide power for the customers to get access to media (TV, radio and computer) and light, which is useful for several activities, for example studying in the evening and at night.

We are active in Afghanistan since 2005 and we are still create jobs with local service staff. In cooperation with our german partner SonnenPlus GmbH and together with state organisations and NGOs such as German Aid for Afghan Children, USAID (DAI, IRG), PRT, GPFA, GTZ, the International Bank for Reconstruction and Development (world bank) and the red cross we already realized a huge number of projects, from which the citizens achieve sustained profit.

After finishing a project we are still available for the customers needs, service and maintenance. Choose Zularistan solar systems, and we all can reach a secure future for the people in Afghanistan together.





# Solar Power Systems

built by Zularistan



1

**Nangahar High School**  
5 kW, Kinderhilfe Afghanistan  
Jalalabad, Nangahar



2

**Orphanage**  
10 kW, Kinderhilfe Afghanistan  
Nangahar



3

**City Library**  
10 kW USAID  
Zabul



4

**Cool Storages**  
20 kW, PRT  
Nangahar, Laghman, Kunar

5

6



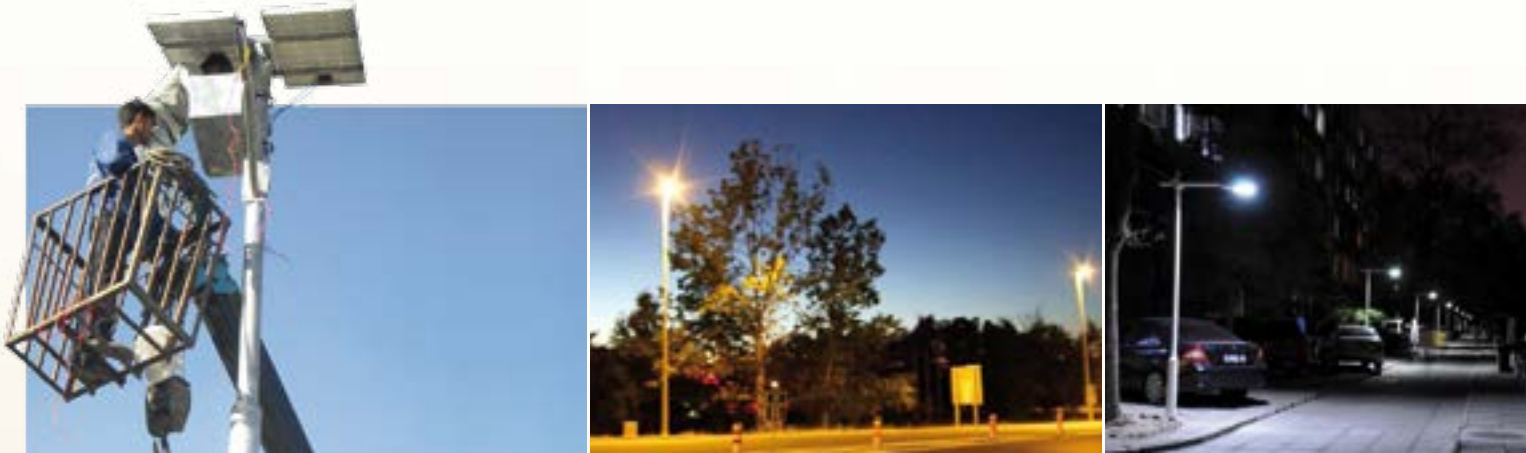
A Zularistan Service Team at work.



Students in Nangahar with computer running by a Solar Power System

# Solar Power LED Streetlight

built by Zularistan



# Solar Home Systems

built by Zularistan



## List of selected Zularistan references

1	Nangahar High School	5 kW	Nangarhar	Kinderhilfe-Afghanistan
2	Orphanage	5 kW	Nangarhar	Kinderhilfe-Afghanistan
3	City Library	3 kW	Zabul	USAID
4	Cool storage	10 kW	Nangahar	PRT
5	Cool storage	10 kW	Laghman	PRT
6	Cool storage	10 kW	Kunar	PRT
7	District Commissioner	3 kW	Nuristan	GTZ/Nangahar
8	School	5 kW	Kandahar	USAID
9	Office	4 kW	Kandahar	Private
10	School Library	5 kW	Urusgan	PRT
11	Office	3,5 kW	Helmand	USAID
12	Office	3,5 kW	Nimroz	USAID
13	Streetlight	100 pcs	Spin Boldak/Kandahar	USAID
14	Streetlight	120 pcs	Highway/Helmand	USAID
15	Streetlight	32 pcs	Zerne/Kandahar	PRT
16	Streetlight	33 pcs	Arghandab/Kandahar	USAID
17	Streetlight	33 pcs	Panjway/Kandhar	USAID
18	Streetlight	30 pcs	Kharwar/Logar	USAID
19	Streetlight	30 pcs	Urusgan	PRT

