

SOLUX-LED-100

80 lumen, 2,5W module, NiMH rechargeable battery, 4-6 hours of bright light per day
Solar light for developing countries

Set of parts



High efficient super bright LED is inside

Assemble your own LED solar lantern

Use free solar light instead of kerosene

SOLUX e.V. Wallbergstr.3 - D-82024 Taufkirchen Germany
Tel:+49 (0) 89 612 09431 Fax:+49 (0) 721 151 281 216
Email: info@solux.org - Homepage: www.solux.org

SOLUX-LED-100

A mobile solar lantern for daily use

The solar lantern SOLUX-LED-100 provides 4-6 hours of light daily for working, reading and leisure time.

It is suitable for the daily use in harsh environments. The solar lantern gets charged with a solar module: simply plug the cable from the solar module into the charger socket and place the solar module into the sun.

By purchasing a SOLUX-LED-100 you avoid buying consumable supplies like kerosene for lanterns, batteries for flash lights, or candles.



SOLUX does help you to found a workshop

- 4-6 hours of continuous light daily, afterwards several hours decreasing light
- Two level switch with 50% and 100% light
- Environment friendly NiMH battery pack with 3 C-size rechargeable batteries
- Super bright LED with 100 Lumen/Watt
- Yellow led for indicating proper charging
- Solid 2,5W solar-module with alu-frame
- 3m strong cable with plug

Prices

SOLUX-LED-100 set of parts for lantern and module (100 pieces)	46,-€
Ready to use lantern already assembled	86,-€
Set of tools	180,-€
All prices are subject to actual VAT, but does not apply if export confirmation is provided. Prices exclude postage and packaging.	

The workshop

The SOLUX-LED-100 is assembled in the workshops of our partner organizations. With the SOLUX-Program, we have developed and realized a new concept that lets the developing countries participate as partners.

A significant portion of the production as well as the sale and maintenance of the lanterns is done by specially equipped SOLUX-workshops in developing countries.

This does not only ensure moderate prices for the lanterns, but also knowledge about production, use

Technical data

Solar lantern

High efficient LED with 100 Lumen/W
80-100 Lumen depending on charging level
Max. duration of operation 7,5h
Average duration of operation 4-6 h
Charge control with yellow LED indication
Battery-pack: 3,6V NiMH (3 x 1,2V Baby) / 3500 mAh

Solar-module 2,5W cSi:

Maximum Power (mpp) 2,5W
Maximum operating current (Impp) 0,42A
Maximum operating voltage (Vmpp) 6,0V
3 m cable with DC-plug 2,5mm

Size and weight:

Lantern: 210mm height ;70mm diam. 0,50 kg
2,5W-module 185x235x25 mm 0,65 kg
Total weight: 1,15 kg

Cell phone charging with solar energy

Charge your cell phone with your solar module. SOLUX provides a set of cell phone adapters. Ask your local SOLUX partner.



The SOLUX project

SOLUX e.V. is a non profit organization dedicated to the introduction of solar lanterns in southern developing countries. During the last years robust solar lanterns have been successfully developed and introduced in cooperation with foreign aid organizations and manufacturers.

In addition to the lantern SOLUX-LED-100 that can be assembled in local work shops of the customer we offer ready to use lanterns which are already assembled. Please feel free to contact us for more information about our products.

SOLUX delivers solar lanterns and does organize the transport. We also sell info material to improve your marketing



Order address

SOLUX e.V.
Wallbergstr.3
82024 Taufkirchen
Germany

Tel : +49 (0) 61209431
Fax: +49 (0) 721 151281216
Email: info@solux.org
Homepage: www.solux.org

