



For Schools and NGO please contact: info@ledsafari.com for special prices.

PRODUCT NAME
SPECIFICATION
RECOMMENDED FOR
BASIC SOLAR LAMP KIT
 15 CHF


An elegant circuit to learn about solar technology from scratch. Soldering is required. Time taken: 2-3 hours depending on your design. See more at www.discover.ledsafari.com

6 high-quality components: 0.5 Watt solar panel, diode, resistance, LED bulb, three pin on-on switch, red and blue wires. A perfect 0.5 Watt lamp.

4 hours of solar charging provides 10-15 hours of light.

Online training is required. You will need a soldering iron, wires, insulation tape and tools.

Schools and NGOs can contact us for a special price.

Secondary Schools as a part of Physics and Design courses (ages 12-16);

Team and group-building events, if sufficient time is available;

Individuals who are interested in learning to build and design their solar lamps from scratch.

AUTOMATIC SOLAR LAMP KIT
 17 CHF


A smart, elegant and simple circuit to create your automatic solar lamp that switches on when sun goes down. Soldering is required. Time taken: 2-3 hours depending on your design.

8 high-quality components: solar panel, diode, 20 Ohm resistance, 1000 Ohm resistance, LED bulb, three pin on-on switch, NPN transistor, red and blue wires. 4 hours of solar charging provides 8-10 hours of light.

Online training is required. You will need a soldering iron, wires, insulation tape and tools.

Video Sensor kit: [Click here https://goo.gl/kFDfRB](https://goo.gl/kFDfRB)

Secondary Schools as part of Physics and Design courses (ages 12-16);

Team and group-building events, if sufficient time is available;

Individuals who are interested in learning to build and design their solar lamps from scratch.

PLUG-AND-PLAY SOLAR LAMP KIT
 25 CHF


Soldering not required. Time taken: 2 minutes to assemble the circuit + time required to create individual innovative design

The kit is pre-fabricated and includes color-coded connectors, which makes it easy to assemble the circuit. It contains 1 solar panel, 1 switch, 1 LED and 1 Li-ion battery.

4 hours of solar charging provides 10-15 hours of light. No online training required.

Video plug and play <https://goo.gl/TGQG2y>

Primary Schools as an introduction to solar energy;

Team and group-building events, if sufficient time is available;

Individuals who are interested in designing their own solar lamps from.

Unique eco-friendly gift for your colleagues, family and friends.

ORIGAMI SOLAR HOUSE with PLUG-AND-PLAY SOLAR LAMP KIT
30 CHF



Comes with Plug and Play kit. Time taken: 15 min

Contains: Recycled carton origami house, plug and play kit, Instructions.
Video Solar house:
<https://goo.gl/4PbvXk>

Good for 8- 15 years old
A perfect present to your kid to teach him about design, solar and sustainability.



COMPONENTS

COMPONENTS

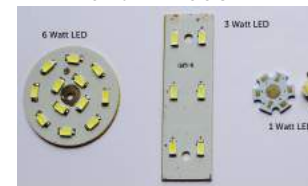
SPECIFICATION

BRIGHT LED

- 1 Watt LED: 3.5 CHF
- 3 Watt LED: 6 CHF
- 6 Watt LED: 8.5 CHF

Increase the light brightness of your lamp by using extra bright LEDs.

- 1 Watt LED with heat sink: 8 hours of light
- 3 Watt LED with 5 hours of light
- 6 Watt LED with 3 hours of light

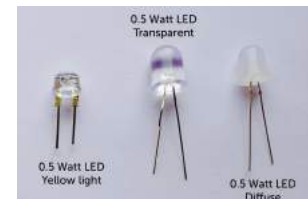


KINDS OF LED

- Yellow light LED: 2 CHF
- Transparent light LED: 1.5 CHF
- Diffuse light LED: 1.5 CHF

Design your lamp according to usage

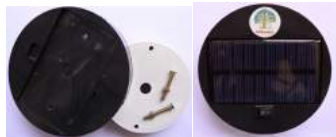
- Yellow light LED: Yellow warm light if you would like to design ambience lamp. e.g. garden lamp, balcony lamp, room lamp
- Transparent LED: Good for desk lamp, night reading lamp, torch
- Diffuse LED: Good for room light, night lamp etc.



SOLAR PANEL

Solar panel

SOLAR CAP
5 CHF



This makes assembling and designing the lamp much easier without limiting your creativity.

Contains 1 black cap for solar panel and switch, 1 white cap to hold the battery and the LED, two brass nut and bolt to close the caps.
Solar cap with slots for all the circuit components.
One-stop solution for neatly fitting all of the components together.

Video Solar cap
<https://goo.gl/p6bK85>

Anyone

5 CHF



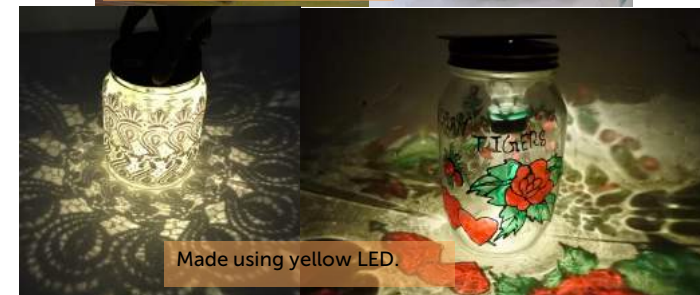
- Dimension: 85 cm x 50 cm
- Power: 0.5 Watt
- Voltage: 5 V
- Current: 100 mA

LI-ION BATTERY
5 CHFLi-ion battery with connectors
500 mAh, 3.7 VoltSPDT ON-ON SWITCH
2 CHFSPDT On-On Switch
Three pin

LAMP DESIGNS



Made using solar caps



Made using yellow LED.

