




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

PRODUCT NAME	SPECIFICATION	RECOMMENDED FOR
BASIC SOLAR LAMP KIT 15 CHF 	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.

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

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.

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.

Primary Schools as an introduction to solar energy;

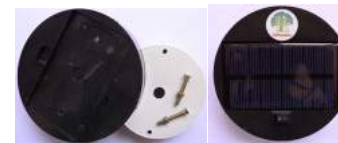
Team and group-building events, if sufficient time is available;

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

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

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.

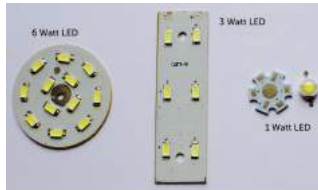
Solar cap with slots for all the circuit components.

One-stop solution for neatly fitting all of the components together.

Anyone


COMPONENTS
SPECIFICATION
BRIGHT LED

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

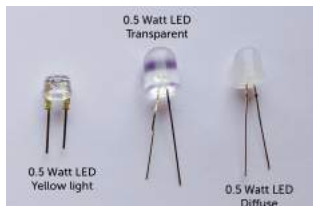


Increase the light brightness of your lamp by using extra bright LEDs.

- 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
 5 CHF


Solar panel

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

Li-ION BATTERY
 5 CHF


Li-ion battery with connectors
 500 mAh, 3.7 Volt

SPDT ON-ON SWITCH
 2 CHF


SPDT On-On Switch
 Three pin



LAMP DESIGNS



Made using solar caps



Made using yellow LED.



Open design

