

FREE ENERGY EUROPE

# The Light Weight Solar Lantern

*The reliable & flexible lighting solution*

## A unique product

The So-Light!™ Solar Lantern is a unique solar source of light. Its design combines the advantages of an ultra light weight lantern and a reliable, unbreakable solar panel.

The solar panel is made of flexible plastic, so that you can easily fold it around a backpack, or placing it anywhere in the sun without having to take special care!

## Ready to use

The So-Light!™ Solar Lantern is a complete system, in which the solar panel, light, charge regulator and battery have been integrated in an attractive design.

The system has been designed for convenience use; simply place the solar panel in the sun, and the lantern is ready to accompany you on all your travelling!

## Improved design

The So-Light!™ Solar Lantern is equipped with a replaceable 6-watt fluorescent bulb. The lantern weighs only 750 grams, so it's very portable and easy to store.

Also, instead of using a lead acid battery, the system uses a Nickel-Metal-Hydrate battery, which is more reliable and durable.

## Unbreakable solar panel

The So-Light!™ Solar Lantern uses an unique production method, by depositing multi-layer amorphous silicon thin-film solar cells on steel substrate. With stable cell technology and advanced framing the expected lifetime of these a-Si solar panels is over 20 years.





## Components

<i>Component</i>	<i>the So-Light! Solar Lantern</i>
Solar panel	1 x Unisolar
Regulator	1 x integrated regulator, with charge indicator deep-discharge protection over-charging protection
Light	1 x compact fluorescent bulb (6 Watts) Lumens: 350 initial 430 max output
Battery	1 x integrated nickel metal hydride battery pack
Others	1 x Manual 1 x Representative packaging

*\*Electrical data refer to standard test conditions . The rated electrical parameters may vary  $\pm$  10%.*