

LITTLE SUN FACTS

1.6 billion people in the world currently have no access to electricity. Artist Olafur Eliasson and engineer Frederik Ottesen developed the Little Sun solar-powered lamp and founded the company LittleSun GmbH to make clean, affordable light available to everyone. Little Sun's attractive and highly functional design has made the lamp popular across the globe. The Little Sun project connects people through the power of light.

Little Sun Solar-Powered Lamp

- 5 hours of charging = at least 3 hours of bright solar-powered light (+ extra hours at lower light)
- Comes in the shape of a hand-sized sun
- Attractive and highly functional
- Energy-efficient design
- High-quality lamp guaranteed for at least 3 years
- Safe, sustainable light

Users can wear the Little Sun lamp as a pendant, carry it as a hand-held lantern, fix it as a table lamp, hang it on a wall, or attach it to a bike.

A Work of art that Works in Life

Little Sun enhances the lives of people in off-grid communities by:

- enabling longer working hours and greater productivity
- providing light for children to study in the evening
- supplying light for families to cook together at night
- allowing people to socialise after dark
- improving workplace safety
- replacing unsafe and costly kerosene lamps as a light source
- saving users 90% of what they would spend on kerosene lighting over a 3-year period

Our Social Business Model

Little Sun is a social business that follows the principle of trade, not aid. It's not just about delivering light to people – it matters how it gets there. We address the need for light in a sustainable way that benefits off-grid areas of the world.

Little Sun

- produces and distributes light worldwide through a project-based, self-funded system
- establishes sustainable trade routes and creates off-grid jobs
- supplies off-grid small businesses with Little Sun lamps at low prices



- provides off-grid retailers with the support they need to profit
- raises funds through Little Sun projects to open off-grid Little Sun shops

All funds generated by Little Sun are used to drive the project. Little Sun aims to spread light, safe energy, and profits everywhere.

Pricing System

Little Sun has two price sets: one for users living in areas within the electrical grid (€20), and reduced prices for those living in off-grid areas (approximately half price). This means that when you buy a Little Sun at the regular price, you make it possible for Little Suns to be available in off-grid areas at locally affordable prices.

Technical Specifications

Little Sun is a multi-use solar-powered LED lamp.

Dimensions: diameter 12cm, depth 3.2cm

Weight: 120g

Main body: Manufactured in Luran S, ASA plastic from Styrolution, highly weather and UV resistant

Solar panel: 60 x 60 mm monocrystalline solar panel, 0,4 Watt

Battery: 3 x 1,2V Ni-MH AAA battery pack with 600 mAh LED: 0,5 Watt Osram LED

Clean Energy Statistics

Little Sun produces zero pollutants. 'Inhaling the emissions of a kerosene lamp is equivalent to smoking two packs of cigarettes in a single day.' *source: UNEP*

The Little Sun solar-powered lamp is an environmentally friendly alternative to kerosene. 'Kerosene lamps burn 470 million barrels of oil per year worldwide, releasing 190 million tons of CO₂ into the atmosphere annually, the equivalent of 30 million cars.'

source: Radecksy 2009

'Off grid households spend 10 – 25% of their budget per month on kerosene.' *source: IFC*
Using Little Sun instead can reduce overall household spending by 9 – 22.5%.

For businesses 'there is an established positive correlation between the quality of the lighting in commercial enterprises and retail sales.' *source: IFC*

Little Sun has a positive impact on education. 'When solar-powered lighting was introduced, children from newly solar-powered homes remained awake longer each day and used 38% of their additional time for studying and reading.' *source: a Bangladeshi IFC study*

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