

# Solar home lighting and charging



## Energy Station Plus

The high quality, durable solution for home lighting and phone charging in all the locations with no access to the electricity grid.



Each of **3 bulbs** can brightly **illuminate** a **9 m<sup>2</sup> room**



**Charges** **mobile phones**, portable torches and radios through the **USB port**

kit for basic access to electricity



Phone not included

## COMPLETE

8

WATT

8 Watt polycrystalline PV module with tempered safety glass and aluminium frame for **robustness** and **high portability**



3 BRIGHT LED LIGHTS

Each 1 Watt LED light (total light output – 320 lumen) can brightly illuminate a 9 m<sup>2</sup> room



USB

Smartphone, tablet, camera, portable torch and radio...  
If you **charge** it via **USB**, you can charge it with Energy Station Plus!



CABLES INCLUDED

**5 meters cable for the panel;** **3 cables for the bulbs** (3, 6 and 8 meters) each with switch button; **full set** of phone charge adapters

## EFFICIENT



1 DAY

**Fully recharge** in just **one day** (in conditions of optimal exposure)



29 HOURS

Lighting run time per day of solar charging:  
**29 hours** with **1 light on**,  
**10 hours** with all **3 lights on**



SMARTPHONE

**Latest-generation rechargeable battery** (LiFePO<sub>4</sub> | 4500mAh | 6.4 V) with increased thermal resistance



4000 TIMES

**Extremely long service life** (4000 charging cycles)

## EASY AND SAFE

**to connect**

Thanks to the **intuitive icons**

**to check**

**Charge indicator LEDs** to monitor the battery level

**to replace**

**Battery easily replaceable** at the end of the life with common tools

**day after day**

**Designed in Italy.** **Robustness and durability tests passed**

## ENERGY STATION meets LIGHTING AFRICA

Recommended Performance Targets

LIGHTING AFRICA, a joint IFC and World Bank program, is mobilizing the private sector to build sustainable markets that provide safe, affordable and modern off-grid lighting to Africa's un-electrified communities.



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