

# Solar Home Lighting & Charging



## Energy Station Plus

Kit for basic access to electricity

- The ideal solution for **entry-level home lighting and phone charging** in rural areas with no access to the electricity grid
- Each bulb can brightly **illuminate** a 9 sqm room
- The Energy Station can also **charge** mobile phones, portable torches and radios through the USB port

**HIGH  
QUALITY**

**HIGH  
PERFORMANCE**

**AFFORDABLE**



## TECHNICAL SPECIFICATIONS

- **3 x 1 watt bright LED lights** (total light output: 310 lumens), with **cables of different lengths** (3, 6 and 8 metres), each with switch button
- **8 Watt polycrystalline solar module** with a 5 metre cable
- Lighting run time per day of solar charging: **10 hours with all 3 lights on, 29 hours with 1 light on**
- **Latest-generation rechargeable batter** (lithium iron phosphate, 4400 mAh) with appropriate battery protection circuit and **extremely long service life (4000 charging cycles)**
- **Battery easily replaceable** at the end of life with common tools
- **Usb port for charging phones** and other electronic devices; full set of the **most common phone charge adapters** included
- **Extremely user-friendly**: system cabling guided by icons, charge indicator LEDs to monitor the battery level
- **Quality workmanship**: robustness and durability tests passed
- Warranty: **12 months** covering manufacturing defects (product meant for indoor use only)
- **Designed in Italy. Quality-checked in Italy.**

## 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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