



## PORTABLE SOLAR STUDY LIGHT

 **5X**  
BRIGHTER THAN A  
KEROSENE LAMP

 **72 HRS**  
OF LIGHT ON LOW  
POWER MODE

 **5YRS**  
OF BATTERY  
LIFE

Sun King's latest product, the Sun King™ Pico Plus strikes the perfect balance between durability, performance and affordability. Designed to meet basic lighting needs of under-electrified households around the world, Sun King™ Pico Plus is five times brighter than kerosene lamps. It features an integrated solar panel, a long-lasting lithium ferro-phosphate battery and the same versatile, user-friendly design Sun King™ customers love. With its 50 lumen, single white LED light, Sun King™ Pico Plus conservatively yields up to 72 hours of light from a single sunny day of solar charging.

### LIGHT RUNTIME AFTER ONE SUNNY DAY OF SOLAR CHARGING

|                |           |          |
|----------------|-----------|----------|
| Low power mode | 2 lumens  | 72 hours |
| Normal mode    | 25 lumens | 8 hours  |
| Turbo mode     | 50 lumens | 4 hours  |

\* Runtime may vary for normal use in optimal scenarios.

### TOP USES FOR THE SUN KING™ PICO PLUS

With the Sun King™ Pico Plus, children can now study longer and consumers can feel safer venturing out of their homes at night.

The lamp is great for:

- Studying
- Night time reading
- Emergencies

### POWER CONSERVATION

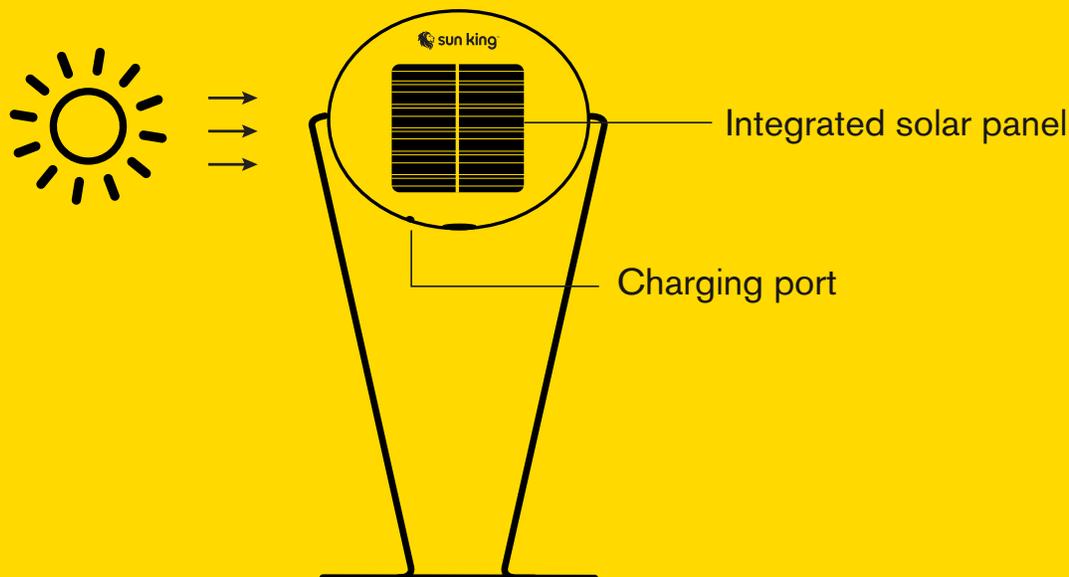
Battery management technology automatically switches the light to low power mode when battery power is running low.

### OUR VOLTAGE PROTECTION

The lamp automatically shuts of if the voltage fluctuates above 3.6V preventing the lamp from any damage.

### BATTERY LIFE (IN MONTHS)

|                     |    |   |
|---------------------|----|---|
| LFP - Sun King™     | 60 |  |
| Li Ion - Typical    | 34 |  |
| NiMH - Typical      | 21 |  |
| NiMH -Typical       | 13 |  |
| Lead Acid - Typical | 18 |  |



#### PRODUCT SPECIFICATIONS

|                           |   |
|---------------------------|---|
| <b>Total Lumen Output</b> | 50 lumens.  |
| <b>Runtime</b>            | <b>Low power mode:</b> 72 hours<br><b>Normal mode:</b> 8 hours<br><b>Turbo mode:</b> 4 hours  |
| <b>Charge Input</b>       | DC 5V/500mA   |
| <b>Battery</b>            | 425mAh, 3.3 volt, lithium ferro-phosphate (LiFePO4) battery   |
| <b>Solar Panel</b>        | 350mW, 4.5 volt, integrated polycrystalline PET laminated panel.  |
| <b>Enclosure</b>          | Polycarbonate & ABS IP64 plastic. Keep away from water. In case of rain exposure, please dry the unit under sunlight.                 |
| <b>Charge Indicator</b>   | The main white LED light blinks twice, every 2 seconds, while charging. It blinks faster, once every 0.5 seconds, when fully charged. |
| <b>Stand</b>              | Multi-utility metallic stand.   |

#### PERFORMANCE

The Sun King™ Pico Plus is an all-in-one solution for providing light anywhere you need it, either at home or in the most remote location. With superior features including 3 different lighting modes and up to 72 hours of operation per charge, it's a big force to be reckoned with in a small package.

#### BREAKTHROUGH LONGEVITY

Drop it, throw it or splat it, the Sun King™ Pico Plus is built to last in the toughest environments thanks to its water-sealed, extremely durable polycarbonate shell and sturdy steel stand. Its revolutionary LFP battery is stable, efficient and with a 5 year, ultra long-lasting life span.

#### FLEXIBILITY

The Sun King™ Pico Plus is nimble and can be used in a variety of ways, from hand-held to wall mounted. The 360-degree tilt allows you to have light where you need it, when you need it.

#### ENERGY EVERYONE CAN AFFORD

Sun King is the world's leading off-grid solar energy company with cutting-edge product design, affordable financing, and a grassroots installation model to provide energy to the 1.8 billion consumers across Africa and Asia who lack access to reliable electricity. Founded in 2007, Sun King sets the gold standard for off-grid solar performance and design as part of its mission: power your life.

#### Power Your Life

Please contact our team for samples and partnership inquiries: [sales@sunking.com](mailto:sales@sunking.com)  
Visit our website: [www.sunking.com](http://www.sunking.com)

