



MODERN SOLAR LIGHTING FOR HOME AND OUTDOOR.



25X
BRIGHTER
THAN KEROSENE



40 HRS
OF LIGHT ON
LOW MODE



PORTABLE
LANTERN



USB
MOBILE CHARGING

The Sun King™ Home 40Z is a premium product with 2 overhead lamps, 1 portable lamp and a USB charger for mobile phones and other devices. Each overhead lamp vividly lights up an entire room while the portable lamp allows flexibility of use. With a 3000mAh Lithium Ferro Phosphate battery, it has a runtime of up to 40 hours on a single day's charge. The Sun King™ Home 40z comes at an amazingly affordable price point, the price of a solar lantern!



UNBEATABLE SOLAR PANEL DURABILITY

The Sun King™ Home 40Z uses a detachable solar panel with a repairable junction box, and a 6 meter cable. The 4W aluminum-framed, industrial grade glass protected solar panel is far more durable than alternatives based on polycarbonate or epoxy encapsulation, both of which degrade quickly in harsh environments.

REVOLUTIONARY BATTERIES

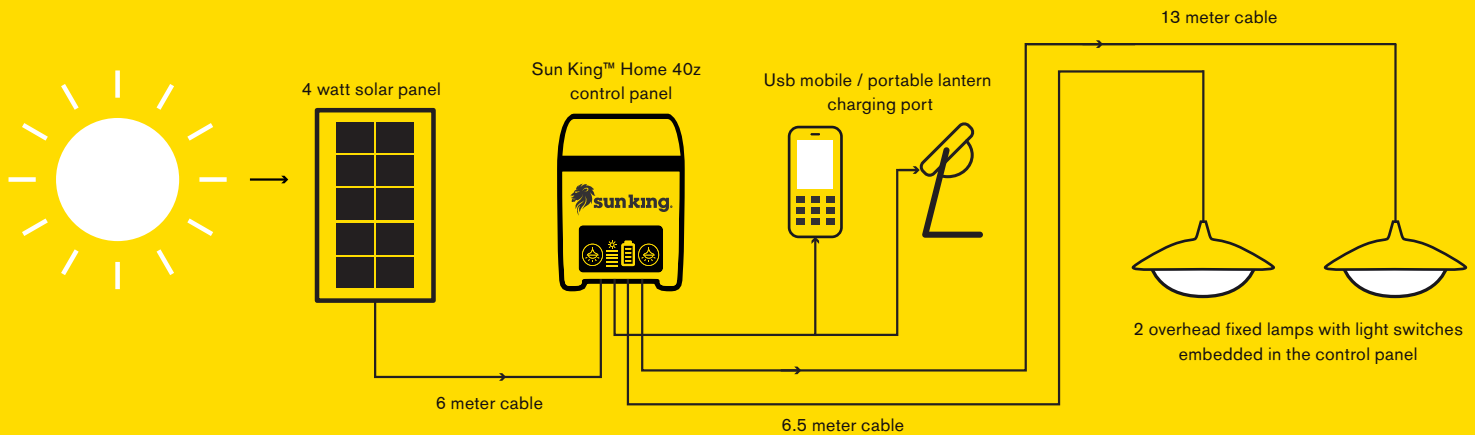
Unlike lamps using cheaper, short lifetime lead-acid or Ni-Cad batteries, Sun King™ Home 40Z's LFP battery lasts for at least 5 years before replacement.

BREAKTHROUGH DURABILITY

From the water-sealed, nearly unbreakable shell of the portable solar lamp to its industrial-grade, aluminium-framed solar panel and durable steel stand, Sun King™ Home 40Z is built to last in tough environments. Its longer-lasting, quality-tested components set the gold standard for its product lifetime.

BATTERY LIFE (IN MONTHS)

LFP - SUN KING™	60	
Li Ion - Typical	34	
NiMH - Typical	21	
NiMH - Typical	13	
Lead Acid - Typical	18	



LIGHT RUNTIME ON ONE DAY'S CHARGE

OVERHEAD LAMPS

Turbo Mode	100 Lumens	5 Hours
Normal Mode	50 Lumens	8 Hours
Low Power Mode	10 Lumens	40 Hours

PORTABLE LAMP

Turbo Mode	50 Lumens	4 Hours
Normal Mode	25 Lumens	8 Hours
Low Power Mode	4 Lumens	72 Hours

PRODUCT SPECIFICATIONS

OVERHEAD FIXED LAMP

PORTABLE LAMP

LEDs Power LEDs with lumens total flux (100 lumens per lamp) Minimum efficacy : 180 lumens per watt	LEDs 50 lumens, white LED with efficacy > 180 lumens per watt
Battery 3000 mAh, 3.3 volt Lithium Ferro-Phosphate (LFP) battery	Battery 600 mAh, 3.3 volt, Lithium Ferro-Phosphate (LiFePO4) battery
Enclosure Rugged ABS and polycarbonate plastic IP Rating: IP23	Enclosure Polycarbonate and ABS IP21 rated, water-resistant enclosure
Solar Panel 4 watt, 4.9 volt polycrystalline solar panel with aluminium frame and a 6 metre wire	
Battery Indicator Digital LED meter to display the remaining battery power	
Solar Charge Indicator Digital LED meter displays charging effectiveness on a scale of 1 to 5, to help optimise solar panel placement.	
Power Control Battery management technology automatically switches the lamps to low-power mode when the battery is running dry, yielding additional hours of light	

SMART ELECTRONICS



Phone Charger

Equipped with high energy storage capacity and a USB charging port



Hanging Lamps

Two 13M and 6M cable-length lamps with a control panel hub and light switches to control light intensity



Charge Meter

LED charging meter displays charging power from 1 to 5 to help place the solar panel properly



Day & Night Charging

Day or night charging works with nearly all phones: 3 most common adaptors included

HAPPY USERS AROUND THE WORLD

Present in 40+ countries, the Sun King™ family of products addresses immediate needs of households without electricity around the world. High production quality and attention to durability ensure that Sun King™ customers can enjoy the reliable performance for years and years around the world, the Sun King™ family strives to create an environment that empowers users to reach their potential and grow into happier, healthier and more productive people. **#SunKing**

ENERGY EVERYONE CAN AFFORD

Samples & inquiries: We need your help to make the world's best solar home lights available to families all over the world. For evaluation samples & partnership inquiries, please contact our team sales@greenlightplanet.com or call: +1 888 573 5592