



# sun king™ | HOME 200X



## MODERN SOLAR LIGHTING WITH AN ADVANCED BATTERY CONTROL UNIT AND FAST USB MOBILE PHONE CHARGING

 **60X**  
BRIGHTER THAN A KEROSENE LAMP

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

 **USB**  
MOBILE PHONE CHARGING

The Sun King™ Home 200X is Sun King's new flagship entry-level solar home system embedded with pay-as-you-go-technology. It features 3 tube lights with individual wall-mountable switches, a USB cable for mobile phone charging, powered by a 28.3Wh battery control unit and an 11 watt solar panel. Offering improved affordability, the Sun King™ Home 200X is a must-have personal power grid for all.

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

Low power mode	3 x 40 lumens	30 hours*
Normal mode	3 x 120 lumens	10 hours*
Turbo mode	3 x 200 lumens	6 hours*

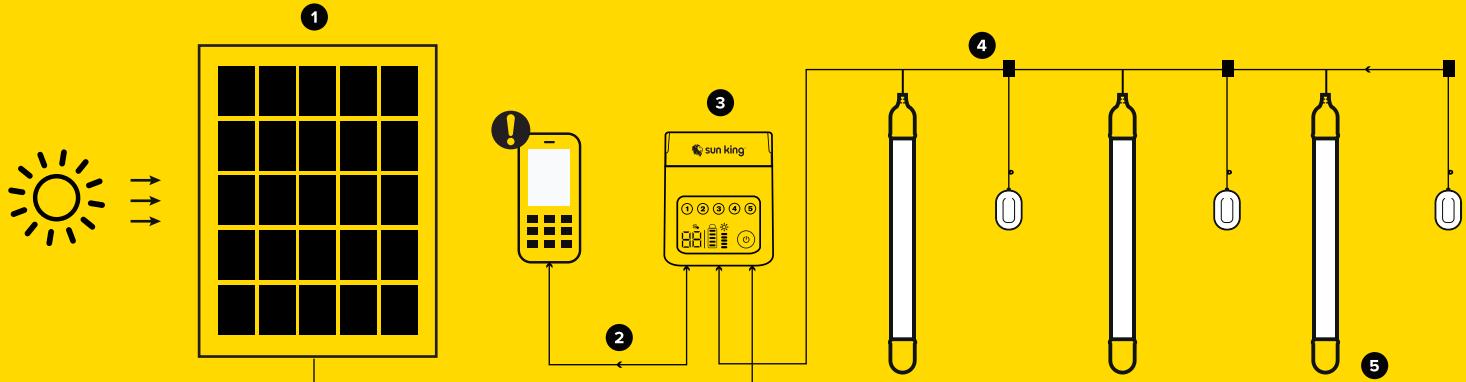
\* Runtime may vary for normal use in optimal scenarios.

### BREAKTHROUGH DURABILITY

Whether it's dropped or stomped on, the Sun King™ Home 200X system is built to last in tough environments. Its durability comes from its nearly unbreakable polycarbonate shell and its industrial grade aluminium-framed solar panel. Its longer-lasting, quality-tested components set the gold standard for its product lifetime.

### MODERN TUBE LIGHT DESIGN

The Sun King™ Home 200X comes with three-200 lumen tube lights and wall-mountable switches. The updated tube light designs provide optimal room illumination and a combined brightness of 600 lumens (60X brighter than a kerosene lamp).



## WHAT'S INCLUDED

- ① 11 watt solar panel
- ② USB cable for mobile phone charging
- ③ Battery control unit
- ④ Mid-cable junction box
- ⑤ 3 tube lights with wall-mountable switches

**!** Mobile phone is not included

## PRODUCT SPECIFICATIONS

Total Lumen Output	600 lumens
* Runtime	Low power mode: 30 hours      Normal mode: 10 hours      Turbo mode: 6 hours
USB Phone Charging Port	5V/1.8A
** Battery	11.1V 28.3Wh lithium-ion NMC battery
Solar Panel	11 watt, 16 volt polycrystalline solar panel with aluminium frame and 6 metre cable.
Battery Indicator	While in use, digital LED meter displays remaining battery power. On low battery, the USB discharge output will be shut down.
Charging Indicator	Digital LED meter displays charging effectiveness (for optimal device charging, install the solar panel appropriately to maximize its exposure to sunlight).
Power Port	Four 12V(+/-3V) Ports. The power ports' minimum voltage may reach 9V, which some appliances might not be fully compatible with.
Power Control	Battery management technology automatically switches to low power when the battery is running dry.
Enclosure	Rugged ABS and polycarbonate plastic. Designed for indoor use only. Keep away from water.

\* Mobile phone charging can reduce the daily runtime of the lights.

\*\* Battery and other components are irreplaceable.

## 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.

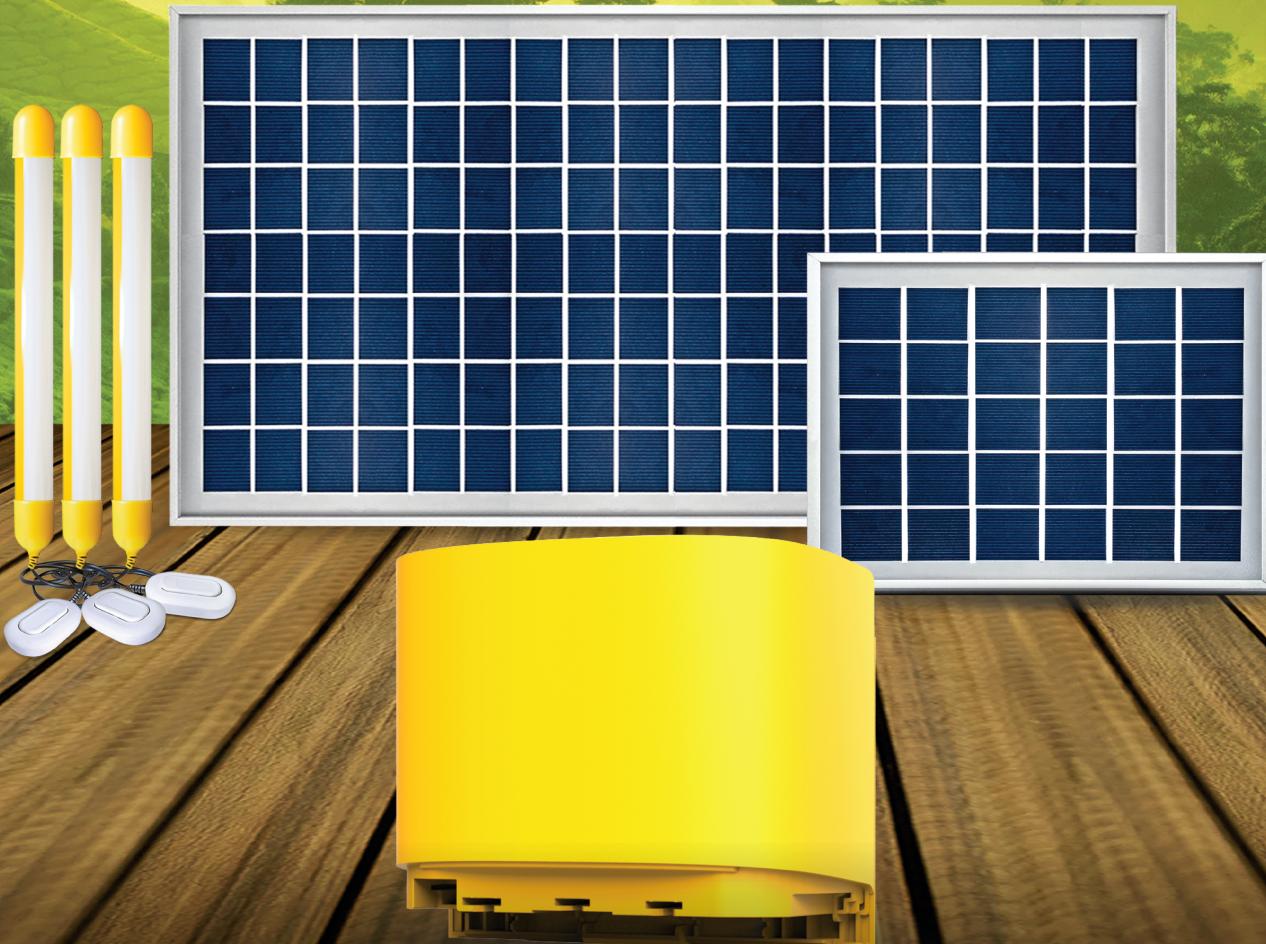
## Power Your Life

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)



# sun king™ | EXPANSION PACK 113X



## EXPANDABLE BATTERY FOR EXTRA POWER STORAGE

 **LONGER**  
LIGHTING RUNTIME

 **TV**  
VIEWING ENABLED

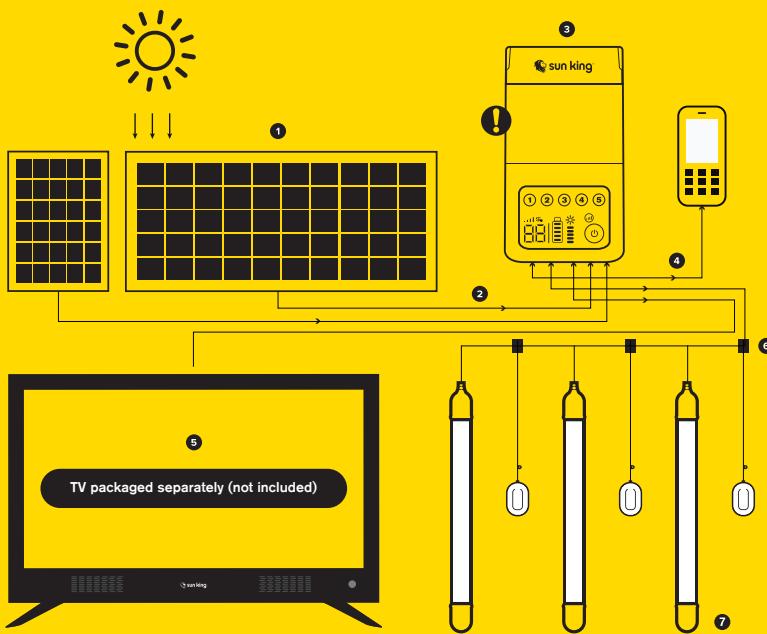
Introducing the Sun King™ Expansion Pack 113X for the Home 200X packing more battery capacity and an additional solar panel to enable longer runtime and TV viewing. With one of the best lithium-ion NMC batteries, it has a runtime of upto 9 hours of TV viewing and lighting on a single day's charge. Best of all, the Sun King™ Expansion Pack 113X comes at an amazingly affordable price.

### EXPANSION FEATURE

The Sun King™ Expansion Pack 113X is one of the best NMC batteries available in today's market. When attached to the Sun King™ Home 200X, it offers longer runtime and additional hours of TV viewing.

### BATTERY

On average day-to-day use, the Sun King™ Expansion Pack 113X lithium-ion NMC battery lasts twice as long as other typical NMC batteries and could last even longer on an average two days charging.

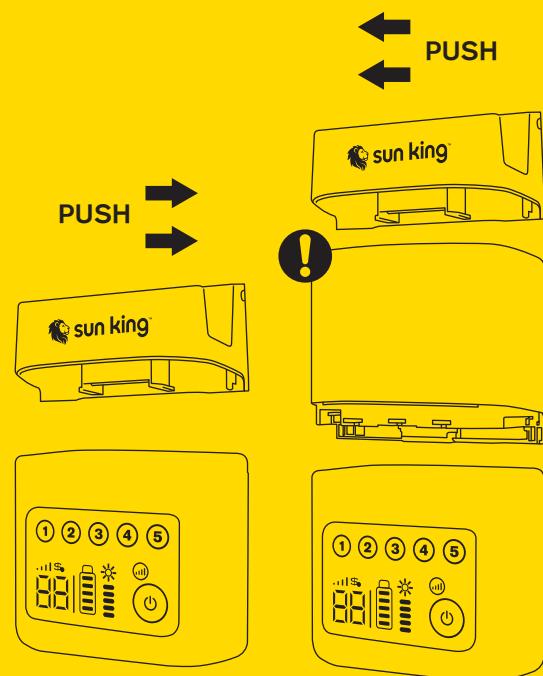


#### PRODUCT CONNECTION

- ① Solar panel
- ② 6 metre cable
- ③ Battery control unit (with expansion pack)
- ④ USB cable for mobile phone charging
- ⑤ Sun King™ HD LED solar TV
- ⑥ Mid-cable junction box
- ⑦ 3 tube lights with wall-mountable switches

**!** Only the Expansion Pack is included in this box

Separate the top cover from the battery control unit to attach the expansion pack.



#### PRODUCT SPECIFICATIONS

* <b>Battery</b>	11.1V, 113Wh lithium-ion NMC battery
<b>Solar panel</b>	36 watt, 16 volt polycrystalline solar panel with a 6 metre cable (Please refer to the solar panel package).
<b>Enclosure</b>	Rugged ABS. Designed for indoor use only. Keep away from water.

\* Battery and other components are irreplaceable.

#### BREAKTHROUGH DURABILITY

Whether it's dropped or stomped on, the Sun King™ Expansion Pack 113X is built to last in tough environments. Its durability comes from its nearly unbreakable polycarbonate shell and its industrial grade aluminium-framed solar panel. Its longer-lasting, quality-tested components set the gold standard for its product lifetime.

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#### Power Your Life

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Visit our website: [www.sunking.com](http://www.sunking.com)