The Sun King™ Boom is an affordable solar-powered lantern with radio, MP3 player and mobile phone charging capabilities. The digital FM radio comes with an internal memory to save your favourite radio stations, while music can be played directly from an SD card or a USB drive. It's an outstanding product that not only lights our customers' night, but also provides all day entertainment and a way for students to study via MP3 audio tutoring.

LIGHT RUNTIME AFTER ONE SUNNY DAY OF SOLAR CHARGING

LIGHTING

Low power mode	25 lumens	36 hours	18 hours*
Normal mode	75 lumens	12 hours	6 hours*
Turbo mode	160 lumens	6 hours	3 hours*

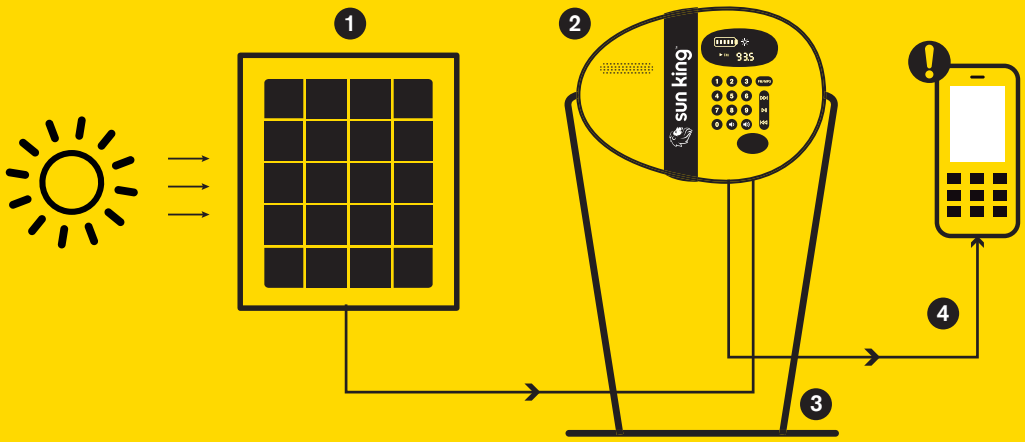
AUDIO

Medium volume output	-	9 hours	6 hours*
Maximum volume output	-	6 hours	4 hours*

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

OUR VOLTAGE PROTECTION

The lamp automatically shuts off if the voltage fluctuates above 3.6V protecting the lamp from any damage.



WHAT'S INCLUDED

1. 2.7 watt solar panel with 5 metre cable
2. Sun King™ Boom
3. Detachable lantern stand
4. USB cable for mobile phone charging

Mobile phone is not included

PRODUCT SPECIFICATIONS

Total Lumen Output	160 lumens
*** Runtime**	**Low power mode**: 36 hours **Normal mode**: 12 hours **Turbo mode**: 6 hours
USB Phone Charging Port	5.1V/500mA
FM Radio	87.5 MHz - 108 MHz FM frequency range with internal antenna, storage up to 10 channels with numeric key input.
Speaker/Earphone	Powerful 3W speaker and 3.5mm headphone jack.
External Media	MP3 files through USB, TF card slot with size up to 32GB.
Digital LED Display	Radio/MP3 Player: Displays FM channel frequency band, sound track.
**** Battery**	3000mAh, 3.3V lithium ferro-phosphate (LFP) battery
Solar Panel	2.7W, 4.9V polycrystaline solar panel with a 5 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 Control	Battery management technology automatically switches to low power when the battery is running dry, giving users an additional 5 hours of light.
Enclosure	Robust, rugged ABS and polycarbonate plastic. Designed for indoor use only. Keep away from water. In case of water exposure, please dry the unit under sunlight.

*** Mobile phone charging and audio playing can reduce the daily runtime of the light.**
**** 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**
Visit our website: **www.sunking.com**

sun king™