

# SunAce Li

Sinoware Technology Co. Limited  
Results based on test procedures detailed in  
IEC 62257-9-5 v.4

Verify online:  
[www.lightingglobal.org/products/sino-sali](http://www.lightingglobal.org/products/sino-sali)  
Valid until: July 31, 2022



Meets the Lighting Global Pico-PV Quality Standards



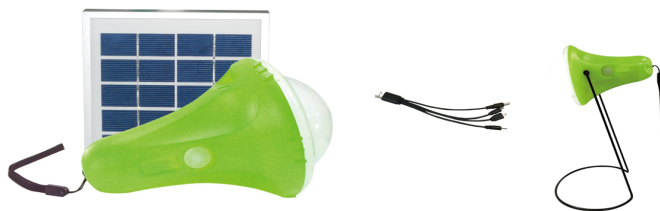
Mobile charging

1

Light point(s)



Plug-and-play



## WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system

## PERFORMANCE DETAILS

	Appliance <sup>a</sup>	Description	Run time after a typical day of solar charging (assuming 5kWh/m <sup>2</sup> /day)	
			Used alone <sup>b</sup>	Used in combination <sup>c</sup>
included in kit	Solar lamp	1 light point on Super mode totaling 200 lumens and 1.5 W power	4.4 hours	2.1 hours
sold separately	Mobile phone	Basic phone (3.7 Wh battery)	1 full charge	0.5 full charge(s)

Available daily electrical energy<sup>c</sup> (Wh/day) 5

Performance measure	Brightness setting: Super mode
Lighting full battery run time <sup>d</sup> for main unit (hours)	5.2
Total lighting service (lumen-hours/solar-day) <i>(includes the both main lighting unit and any auxiliary lights included with the product)</i>	880

<sup>a</sup> Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

<sup>b</sup> Without any other loads used during the run time

<sup>c</sup> Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

<sup>d</sup> Lighting full battery run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

## LIGHTING DETAILS


Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy <sup>e</sup> (lm/W)	CRI <sup>f</sup>	CCT <sup>g</sup>	Distribution type	Lumen maintenance <sup>h</sup>
Solar lamp	1	4	Super mode	200	130	82	6300	Wide	99%

<sup>e</sup> Lumen efficacy is the power consumption at a light point during the light output test.

<sup>f</sup> Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

<sup>g</sup> Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

<sup>h</sup> Percent of the original light output that remains after 2,000 hours of run time

PORTS		
1	USB 2.0 type A  Mobile phones can be charged. Adapters are included.	
DURABILITY		
Overall durability and workmanship	Pass	
Durability tests passed	Switch test, Drop test, Strain relief test, physical ingress protection.	
Level of water protection	Solar lamp	has protection from frequent rain; met IPX3
	PV module	Has protection from permanent outdoor exposure
SOLAR DETAILS		
PV module type	Polycrystalline silicon	
PV maximum power	2 watts	
BATTERY DETAILS		
Battery replaceability	Easily replaceable with common tools.	
Battery chemistry	Lithium-ion	
Battery package type	18650	
Battery capacity	2.3 Ah	
Battery nominal voltage	3.7 V	
Battery status indication	A battery meter shows the charge and operating condition on the lamp enclosure.	
PRODUCT DETAILS		
Manufacturer name	Sinoware Technology Co. Limited	
Product name	SunAce Li	
Contact information	tommyhuang@sinoware.com.cn	
Website	<a href="https://www.sinoware.com.cn/">https://www.sinoware.com.cn/</a>	
Dimensions (entire product in package)	20.5 x 13.5 x 15.5 cm	
Mass	783 g	
SSS INFORMATION		
Specs sheet expiration date	July 31, 2022	
Quality standards framework version	2020	
Revision	2020.01	