Verify online:

https://data.verasol.org/products/sek/sino-sa

Valid until: December 31, 2025

Results based on test procedures detailed in IEC TS 62257-9-5 and IEC TS 62257-9-8



Meets the requirements in IEC TS 62257-9-8:2020 for Size A Kits



Mobile charging



Light point(s)



Plug-and-play



## WARRANTY INFORMATION

PERFORMANCE DETAILS

2 year warranty covering manufacturing defects

				Run time after a typical day of solar charging			
				(assuming 5			
VeraSol Certified?	VeraSol Certified? Included in Kit? Appliance <sup>a</sup>		Description	Used alone <sup>b</sup> Used in combination <sup>c</sup>		Featured Combination (Main unit and torch charging from PV simultaneously)	
yes	included	Main lighting unit	1 light point on Super totalling 240 lm and 1.7 W power	5.3 hours	2.4 hours	5.3 hours	
yes	included	Torch/Remote	22 lumens torch, (LiFePO4 battery: 0.50 Ah, 3.2 V)	30 hours	2.5 hours	1.6 hours	
no	not included	Mobile phone	Basic phone (3.7 Wh battery)	1.3 full charge(s)	0.6 full charge(s)		

Available daily electrical energy <sup>c</sup> (Wh/day)	7.1
Available daily electrical errergy (vvri/day)	1.1

Performance measure	Brightness setting: Super
Lighting full battery run time <sup>d</sup> for main unit (hours)	5.8
Lighting full battery run time of the torch/remote powered by torch/remote battery (hours)	8.2
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	1220

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

d 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 (Im)	Lumen efficacy <sup>e</sup> (Im/W)	CRI <sup>f</sup>	CCT <sup>g</sup>	Distribution type	Lumen maintenance <sup>h</sup>	
Main lamp	1	4	Super	240	150	83	6300	Wide	99%	
Torch/Remote	1	2	High	22	120	87	5300	Wide	99%	

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

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

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

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

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

<sup>&</sup>lt;sup>h</sup> Percent of the original light output that remains after 2.000 hours of run time

Torch/Remote Torch acts as wireless remote to turn Main lamp on/off  Metal Stand Detachable stand allows product to be used as a desk lamp  PORTS  1 USB 2.0 type A  DURABILITY  Overall durability and workmanship  Durability tests passed Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests  Main Unit Has protection from frequent rain; met IPX3  Level of water protection Has protection from permanent outdoor exposure.  Torch/Remote Has protection from cocasional rain; met with appropriate warning label  SOLAR DETAILS  PV module Has protection from occasional rain; met with appropriate warning label  SOLAR DETAILS  PV module bype Polycrystalline silicon  YV maximum power 3 watts  MAIN UNIT BATTERY DETAILS  Battery replaceability Easily replaceable with common tools; however, the warranty is void if product is open Battery package type 26650  Battery package type 26650  Battery reprincipation 3.2 V  Battery status/ other indicator lights One digital display shows the charging status and remaining battery run time on the menciosure enclosure  PRODUCT DETAILS  Manufacturer name Sinoware Technology Co., Limited  Product name SunAce II tommy/huang@sinoware.com.cn  Website www.sinoware.com.cn					
PORTS  1 USB 2.0 type A  DURABILITY  Overall durability and workmanship  Pass  Durability tests passed  Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests  Main Unit  Has protection from frequent rain; met IPX3  Level of water protection  PV module  Has protection from permanent outdoor exposure.  Torch/Remote  Has protection from occasional rain; met with appropriate warning label  SOLAR DETAILS  PV module type  Polycrystalline silicon  3 watts  MAIN UNIT BATTERY DETAILS  Battery replaceability  Easily replaceable with common tools; however, the warranty is void if product is open.  Battery capacity  Battery package type  26650  Battery capacity  Battery nominal voitage  3.2 V  Battery nominal voitage  3.2 V  Battery status/ other indicator lights  PRODUCT DETAILS  Manufacturer name  Sinoware Technology Co., Limited  Product information  tommyhuang@sinoware.com.cn					
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Manufacturer nameSinoware Technology Co., LimitedProduct nameSunAce IIContact informationtommyhuang@sinoware.com.cn	in lamp				
Product name SunAce II Contact information tommyhuang@sinoware.com.cn					
Contact information tommyhuang@sinoware.com.cn					
Website www.sinoware.com.cn					
Dimensions (entire product in package) 20.5 x 13.5 x 15.5 cm					
Mass 951 g					
SSS INFORMATION					
Specs sheet expiration date December 31, 2025					
Revision 2025.10	2025.10				