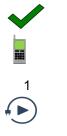
Lamp2Torch

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







WARRANTY INFORMATION A 2-year warranty against defects in materials or workmanship

PERFORMANCE DETAILS

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AILS							
			Run time after a typical day of solar charging (assuming 5kWh/m²/day)				
	Appliance ^a	Description	Used alone ^b	Used in combination ^c			
included in hit	Integrated Main Lamp	1 array on Super totaling 450 lumens and 2.6 W	5.8 hours	3.5 hours			
included in kit	Integrated Torch	1 array on torch setting, totaling 19 lumens and 0 .79 W	19 hours	3.5 hours			
sold separately	Mobile phone	Basic phone (3.7 Wh battery)	2.8 full charge(s)	0.9 full charge(s)			

Available daily electrical energy^c (Wh/day)

Performance measure	Brightness setting: Main lamp on Super
Lighting full battery run time ^d for main unit (hours)	5.8
Total lighting service (lumen-hours/solar-day)	2600

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

^b Without any other loads used during the run time

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

^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 ^e (Im/W)	CRI ^f	CCTª	Distribution type	Lumen maintenance ^h
Integrated Main Lamp Super	1	4	Super	450	170	83	6300	Wide	100%
Integrated Torch Front	1	1	On	67	85	81	6000	Narrow	100%

^e Lumen efficacy is the power consumption at a light point during the light output test.

¹Color 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)

^h Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATURES

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Multipurpose handle

Handle allows the lamp to serve as a desk lamp, room lamp, or hanging light

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	Integrated Lighting Unit	Has protection from frequent rain; met IPX3					
Level of water protection	PV module	Has protection from permanent outdoor exposure.					
SOLAR DETAILS							
PV module type		Polycrystalline silicon					
PV maximum power		5.4 watts					
BATTERY DETAILS							
Battery replaceability		Easily replaceable with common tools.					
Battery chemistry		Lithium-ion					
Battery capacity		4600 mAh					
Battery nominal voltage		3.7 V					
Battery status indication		Lamp has meter that shows charging status and battery state of charge					
MARKS AND CERTIFICATIONS							
Factory certification		ISO 9001:2015					
PRODUCT DETAILS							
Manufacturer name		Sinoware Technology Co. Limited					
Product name		Lamp2Torch					
Product model / ID number							
Contact information		tommyhuang@sinoware.com.cn					
Website		https://www.sinoware.com.cn/					
Dimensions (entire product in package)		23.5 x 18.5 x 14 cm					
Mass		1055					
SSS INFORMATION							
Specs sheet expiration date		July 31, 2022					
Quality standards framework version		2020					
Revision		2020.01					