Mutimax Solar System (MSS)

NOTS Solar Lamps

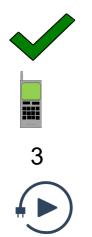
3+

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

Verify online:

https://data.verasol.org/products/sek/nots-sr06 Valid until: April 30, 2023



Light point(s)

Mobile charging

Plug-and-play



WARRANTY INFORMATION

A 3-year warranty covering manufacturing defects in the system

PERFORMANCE DETAILS

		Run time after a typical day of solar charging (assuming 5kWh/m ² /day)			
VeraSol Certified?	Included in Kit?	Appliance ^a	Description	Used alone ^b	Used in combination ^c
yes	included	Main lighting unit	3 light points On totaling 430 lm and 3.3 W	9.4 hours	3.4 hours
no	not included	USB fan	USB powered fan (3W)	11 hours	4.3 hours
no	not included	Smart Phone	Smart Phone (5.7 Wh battery)	3.9 full charge(s)	0.9 full charge(s)
no	not included	Basic Phone	Basic Phone (3.7 Wh battery)	6.4 hours	

Available daily electrical energy^c (Wh/day)

30

Performance measureBrightness setting: OnLighting full battery run time^d for main unit (hours)23Total lighting service (lumen-hours/solar-day)
(includes the both main lighting unit and any lights with internal batteries included with the product)4040

^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	CCT ^g	Distribution type	Lumen maintenance ^h
LED Bulb	3	1	On	140	130	83	6639	Wide	99%

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

^fColor 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

PORTS						
1 USB 2.0 type A		Mobile phones can be charged. Adapters are included.				
4 Barrel jack	4 ports available to power light points					
DURABILITY						
Overall durability and workmanship		Pass				
Durability tests passed		Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests				
	Main Unit	Water ingress protection not tested, meant for indoor use only.				
Level of water protection	PV module	Has protection from permanent outdoor exposure				
SOLAR DETAILS						
PV module type		Polycrystalline silicon				
PV maximum power		10 watts				
MAIN UNIT BATTERY DETAILS						
Battery replaceability		Easily replaceable with common tools; however, the warranty is void if product is opened.				
Battery chemistry		Lithium iron phosphate				
Specific Li-ion battery chemistry		lithium iron phosphate				
Battery package type		2 x 32650				
Battery capacity		6.2 Ah				
Battery nominal voltage		6.4 V				
Battery status indication		Four green LEDs indicate battery state of charge				
PRODUCT DETAILS						
Manufacturer name		NOTS Solar Lamps				
Product name		Mutimax Solar System (MSS)				
Product model / ID number		3+				
Contact information		info@nots.nl				
Website		https://www.nots.nl/				
Co-brand of		Shenzhen Solar Run Energy Co. LTD, Solar Home Lighting System				
Dimensions (entire product in package)		35 x 7.5 x 25 cm				
Mass		2030 g				
SSS INFORMATION						
Specs sheet expiration date		April 30, 2023				
Revision		2022.05				