

MySol Neo Solar Home System

M0019

Brand name: MySol

Verify online:

<https://data.verasol.org/products/sek/emb-msneo3>

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

Valid until: April 30, 2026



Meets the Requirements in IEC TS 62257-9-8:2020 for Size A kits



Mobile charging

PAYG

Pay-As-You-Go option available

2

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 1-year warranty covering manufacturing defects in the system and a 1-year warranty for the torch.

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	2 light points on (high) totaling 320 lumens and 2 W power	11 hours	5.3 hours
yes	not included	Radio	Portable radio (Li-ion battery: 1.1 Ah, 3.7 V), with a power consumption of 0.36 W while in use	79 hours	4 hours
yes	not included	Torch	130 lm torch (Li-ion battery: 2.6 Ah, 3.7 V)	20 hours	5.3 hours
no	not included	Smart phone	Smart phone (5.7 Wh battery)	4 full charge(s)	1.3 full charge(s)

Available daily electrical energy ^e (Wh/day)	28
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Performance measure	Brightness setting: Two LED lamps on "high"
Lighting full battery run time ^d for main unit (hours)	11
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	3520

^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 (lm)	Power consumption (W)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Moussa light	2	3	high	160	1.0	160	84	5200	Wide	100%

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

^f 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)

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

PORTS		
1	USB 2.0 type A	 Smart phones and radios can be charged. Adapters are included.
3	Barrel jack	 12 V ports available to power light points.
DURABILITY		
Overall durability and workmanship		Pass
Durability tests passed		Switch test, Strain relief test, Physical ingress protection, PV durability tests
Level of water protection	Main Unit	Water ingress protection not tested, meant for indoor use only.
	PV module	Has protection from permanent outdoor exposure
	LED lamp	Water ingress protection not tested, meant for indoor use only.
SOLAR DETAILS		
PV module type		Polycrystalline silicon
PV maximum power		9.6 watts
PV rated power		10 watts
PV nominal voltage		5 volts
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
Battery package type		26650
Battery capacity		8.3 Ah
Battery nominal voltage		3.2 V
Battery status/ other indicator lights		Four LED indicators for battery level
PRODUCT DETAILS		
Company name		Engie Mobisol GmbH
Brand Name		MySol
Product name		MySol Neo Solar Home System
Product model / ID number		M0019
Contact information		china_opm.a2e@engie.com
Website		www.engie-energyaccess.com
Dimensions (entire product in package)		Multiple packages. Contact manufacturer for more information.
Mass		n/a
SSS INFORMATION		
Specs sheet expiration date		April 30, 2026
Revision		2025.03