

Mysol 10W 2 C Solar Home System

10W 2C (M0006 Power system/A0032 Panel)
Engie Mobisol GmbH

Verify online:

<https://data.verasol.org/products/sek/emb-mp2>

Valid until: October 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

PAYG

Pay-As-You-Go option available

2

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 3-year warranty for the system and PV module and a 2-year warranty for lights, appliances, and accessories

PERFORMANCE DETAILS

VeraSol Certified?	Included in Kit?	Appliance ^a	Description	Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	
				Used alone ^b	Used in combination ^c
yes	included	Main lighting unit	2 light points on High totaling 380 lumens and 3.5 W power	7.3 hours	3.1 hours
yes	included	Torch	180 lm torch (Li-ion battery: 2.6 Ah, 3.6 V)	12 hours	3.1 hours
no	not included	Mobile phone	Smart phone (5.7 Wh battery)	2.5 full charge(s)	0.8 full charge(s)

Available daily electrical energy^c (Wh/day) 17

Performance measure	Brightness setting: High
Lighting full battery run time ^d for main unit (hours)	7.4
Lighting full battery run time of the Torch powered by Torch battery (hours)	5.7
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	2500

^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)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
LED Lamp	1	3	High	190	110	84	5100	Wide	100%
LED Lamp	1	3	Medium	99	120	83	5100	Wide	--%
Torch	1	2	brighter	180	140	84	5200	Wide	--%

^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

SPECIAL FEATURES

PAYG  Pay-As-You-Go enabled

PORTS

1	USB 2.0 type A		Mobile phones can be charged. Adapters are included.
2	Barrel jack		Ex: 12 V ports available to charge devices and power appliances or light points.

DURABILITY		
Overall durability and workmanship	Pass	
Durability tests passed	Switch test, Drop 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 Light	Water ingress protection not tested, meant for indoor use only.
	Torch	Has protection from occasional rain; met IPX1
SOLAR DETAILS		
PV module type	Polycrystalline silicon	
PV maximum power	10 watts	
MAIN UNIT BATTERY DETAILS		
Battery replaceability	Not easily replaceable with common tools.	
Battery chemistry	Lithium-ion	
Specific Li-ion battery chemistry	lithium nickel manganese cobalt oxide	
Battery package type	2x18650	
Battery capacity	7.9 Ah	
Battery nominal voltage	3.6 V	
Battery status/ other indicator lights	One for lock status, one for link status, five for battery state of charge, three for PV charging rate, and one for hazard status.	
PRODUCT DETAILS		
Manufacturer name	Engie Mobisol GmbH	
Product name	Mysol 10W 2 C Solar Home System	
Product model / ID number	10W 2C (M0006 Power system/A0032 Panel)	
Contact information	china_opm.a2e@engie.com	
Website	https://engie-energyaccess.com	
Dimensions (entire product in package)	Multiple packages. Contact manufacturer for more information.	
Mass	n/a	
SSS INFORMATION		
Specs sheet expiration date	October 31, 2025	
Revision	2023.11	