

# MySol Teevo

M0018

Brand name: MySol

Verify online:

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

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 B kits



Mobile charging

PAYG

Pay-As-You-Go option available

5

Light point(s)



Plug-and-play



## WARRANTY INFORMATION

2-year warranty covering manufacturing defects in the system for the main unit, PV module, and main lights. A 1-year warranty is provided for additional accessories including the additional lights and phone charging accessories.

## PERFORMANCE DETAILS

| VeraSol Certified? | Included in Kit? | Appliance <sup>a</sup> | Description   | Run time after a typical day of solar charging<br>(assuming 5kWh/m <sup>2</sup> /day) |                                  |
|--------------------|------------------|------------------------|---|---|----------------------------------|
|                    |                  |                        |   | Used alone <sup>b</sup>   | Used in combination <sup>c</sup> |
| yes                | included         | Main lighting unit     | 4 light points on maximum totaling 810 lumens and 5.2 W power                                 | 27 hours  | 11 hours                         |
| yes                | included         | Torch                  | 180 lm torch (Li-ion battery: 2.6 Ah, 3.6 V)  | 93 hours  | 11 hours                         |
| yes                | included         | Radio                  | Portable radio (Li-ion battery: 1 Ah, 3.7 V), with a power consumption of 0.35 W while in use | 310 hours   | 8 hours                          |
| yes                | included         | Television             | 32" diagonal television (14 W power consumption while in use)                                 | 13 hours  | 5.6 hours                        |
| no                 | not included     | Smart Phone            | Smart phone (5.7 Wh battery)  | 22 full charge(s)   | 2.8 full charge(s)               |

|   |     |
|---|-----|
| Available daily electrical energy <sup>f</sup> (Wh/day) | 180 |
|---|-----|

| Performance measure   | Brightness setting: Four lights on "Maximum" |
|---|--|
| Lighting full battery run time <sup>d</sup> for main unit (hours)   | 27   |
| Lighting full battery run time of the torch powered by torch battery (hours)  | 78   |
| Total lighting service (lumen-hours/solar-day)<br>(includes the both main lighting unit and any lights with internal batteries included with the product) | 25600  |

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

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

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

<sup>d</sup> 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 <sup>g</sup> (lm/W) | CRI <sup>f</sup> | CCT <sup>g</sup> | Distribution type | Lumen maintenance |
|-------------|-----------------|--------------------|----------|-------------------|-----------------------|------------------------------------|------------------|------------------|-------------------|-------------------|
| Curie light | 4               | 3                  | Maximum  | 210               | 1.3                   | 110                                | 84               | 5100             | Wide              | 100%              |
| Torch       | 1               | 2                  | Brighter | 180               | 1.3                   | 140                                | 84               | 5200             | Wide              | 99%               |

<sup>g</sup> Lumen efficacy is the power consumption at a light point during the light output test.

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

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

<sup>h</sup> Percent of the original light output that remains after 2,000 hours of run time

| SPECIAL FEATURES                       |                |   |
|--|----------------|---|
| Daisy chain functionality              | ★              | Lights can be connected together in a daisy chain.  |
| PORTS                                  |                |   |
| 2                                      | USB 2.0 type A |  Mobile phones, the torch, and radios can be charged. Adapters are not included. |
| 3                                      | Barrel jack    |  Three 12 V ports available to power light points.                               |
| 1                                      | TV port        |  A 12 V port available to power the TV and fan                                   |
| 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  |
|  | Curie lights   | Water ingress protection not tested, meant for indoor use only.   |
|  | Torch          | Has protection from occasional rain; met IPX1   |
|  | Radio          | Has protection from occasional rain; met with appropriate warning label   |
|  | Television     | Water ingress protection not tested, meant for indoor use only.   |
| SOLAR DETAILS                          |                |   |
| PV module type                         |                | Monocrystalline silicon   |
| PV maximum power                       |                | 54 watts  |
| PV rated power                         |                | 55 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  |
| Battery package type                   |                | 12x 26700   |
| Battery capacity                       |                | 13 Ah   |
| Battery nominal voltage                |                | 12.8 V  |
| Battery status/ other indicator lights |                | On-screen indicator for battery level   |
| PRODUCT DETAILS                        |                |   |
| Company name                           |                | Engie Mobisol GmbH  |
| Brand Name                             |                | MySol   |
| Product name                           |                | MySol Teevo   |
| Product model / ID number              |                | M0018   |
| Contact information                    |                | china_opm.a2e@engie.com   |
| Website                                |                | www.engie.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                               |                | 2024.07   |