

VeraSol

Standardized Specifications Book

Company Name: Engie Mobisol GmbH

Brand Name: MySol

Component Family Name: MySol Teevo Power Family

Date of Standardized Specifications Book Expiration: October 31, 2025

Verify Online: <https://data.verasol.org/products/sek/emb-msteevofamily>

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This VeraSol Standardized Specifications Book presents a **component-level Standardized Specifications Sheet** listing the available components in the product family by component type, each individual component's performance rating, and performance results for each component tested according to the Edition 4 of IEC 62257-9-5. Following the component-level Standardized Specifications Sheet is a **list of the systems** covered by this Specifications Book that use combinations of these components.

NOTICE: Systems or kits developed using components from the component family will each perform differently and have not all been evaluated on a system-level basis. All systems listed in this Specifications Book are regarded to have passed IEC TS 62257-9-8.

Quality Standards Framework Version: 2024

Revision: 2024.07

Component-Level Standardized Specifications Sheet

Engie Mobisol GmbH
MySol Teevo Power Family

Battery / Control Box

Name / Model Number	Battery Chemistry	Nominal Voltage (V)	Battery Capacity Rating (mAh)	Measured Battery Capacity (mAh)
Main unit battery	Lithium iron phosphate	12.8	12000	13000
Torch battery	Lithium ion	3.6	2600	2550
Radio battery	Lithium ion	3.7	1000	1000

PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
55 W PV module (A003W)	55	55
2x 27.5 W PV module (A003X)	55	54

Light Sources*

Name / Model Number	Luminous Flux Rating (lm)				Measured Luminous Flux (lm)				Measured Lamp Efficacy (lm/W)			
	Maximum	Medium	Low	Brighter	Maximum	Medium	Low	Brighter	Maximum	Medium	Low	Brighter
Curie light (A0019)	210	Not tested	Not tested	--	200	Not tested	Not tested	--	160	Not tested	Not tested	--
Torch (A0001)	--	--	--	140	--	--	--	130	--	--	--	110

Appliances*

Name / Model Number	Description	Rated Power (W)	Measured Power During Use (W)	Rated Battery Capacity (mAh)	Measured Battery Capacity (mAh)
32" TV (A0022-3663SN01)	32" diagonal television (14 W power consumption while in use)	18	14	--	--
24" TV (A0023-3663SN01)	24" TV with integrated 9.6 Ah battery	11	8.4	--	--
16" fan (A0009)	16" table fan (8.2 W power)	8	8.2	--	--
Radio (A0002)	Portable radio (Li-ion battery: 1 Ah, 3.7 V), with a power consumption of 0.35 W while in use	1.4	0.35	1000	998

*Light points and appliances may perform differently when used with different systems.

NOTICE: As indicated, not all components listed on this page were tested according to the Quality Test Method (QTM) in Edition 4 of IEC 62257-9-5. However, based on the satisfactory performance of the tested components in the family, the components that were not tested are regarded to have passed IEC TS 62257-9-8:2020. In addition, all tested components passed an internal inspection, the full array of applicable QTM durability tests, as well as ingress protection testing (where applicable).

List of Covered Systems

Engie Mobisol GmbH
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System Name	Number of each component included in each system								
	Teevo main unit	55 W PV module	2x 27.5 W PV modules	Curie light	32" TV	24" TV	16" fan	Radio	Torch
MySol 55W TV 32° (M0018) **	1	0-1	0-1	4	1	--	--	1	1
MySol 55W 4 Fan°	1	0-1	0-1	4	--	--	1	--	1
MySol 55W 8°	1	0-1	0-1	8	--	--	--	1	--
MySol 55W TV 24°	1	0-1	0-1	4	--	1	--	1	1

**Tested as full systems. Individual SSS available on VeraSol website.

°Kit has PAYG function

NOTICE:

Only the kits denoted with ** were tested as full systems according to Edition 4 of IEC 62257-9-5 and passed IEC 62257-9-8 standards. An Individual Standardized Specification Sheet (SSS) that reports system-level performance is available for these systems at VeraSol.org. Systems that were not tested, but that were developed using components from the component family will perform differently than the system(s) shown in the individual system-level SSS. All systems listed above are regarded to have passed IEC 62257-9-8.

Unless otherwise noted, the following information applies to all listed systems and components:

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.

Available Daily Electrical Energy and Port Information

Engie Mobisol GmbH
MySol Teevo Power Family

System Name	Available Daily Electrical Energy (Wh/day)	Includes ports for charging?
MySol 55W TV 32**	180	yes
MySol 55W 4 Fan	180	yes
MySol 55W 8	180	yes
MySol 55W TV 24	180	yes

**Tested as full systems. Individual SSS available on VeraSol website.

°Kit has PAYG function

NOTICE:

The available daily electrical energy (Wh/day) is calculated for fully tested systems following the energy service calculations as described in IEC/TS 62257-9-5 Ed. 4. For products in a family that are not tested as a full system, estimations of available daily electrical energy (Wh/day) are calculated according to an alternative method using data from the test reports of fully-tested products and components.