

TECHNICAL SPECIFICATIONS

SPECS STORAGE UNIT

Capacity	1,44 kWh
Zell Chemistry	LiFePO4
Battery Nominal Current	48 V
Lifespan	>80% capacity after 4000 cycles
Charge / discharge temperature	-20 to 50 °C
Optimal operating temperature	5 to 30 °C
Measurements (HxBxT)	730x498x100 mm
Weight	28 kg

SPECS AC

Performance (mains operation)	800 W
Performance (island operation)	~230 V +/-10% 50 Hz 1000 W
Power (island operation) S-Power	2000 W Max.
Socket	~230 V 16 A

SPECS DC

Total performance PV Panel	2000 W
PV-Input 1	10-44 V 20 A max.
PV-Input 2	10-44 V 20 A max.
USB-C Output	5 V, 500 mA
Battery Extension	for EET battery

CE STORAGE UNIT

ÖNORM E 8001-4-712	VDE 0126-1-1
ÖNORM EN 60335-1	VDE AR-N 4105
IEC 62109-1:2007	

SPECS PER MAYSUN SOLAR MS (420-435) MDG-54H* AMOUNT: 2/3/4 STANDARDPANELE (860-1720 Wp)

Power	min. 420 Wp
Length	1722 mm
Width	1134 mm
Thickness	30 mm
Weight	24 kg
Glass	2 mm, high transmission safety glass
Frame	30 mm, aluminium, black anodized
Temperature Range	-40 to +85 °C
Snow load / wind load	5400 Pa / 2400 Pa
Cell type	mono
Cells	108
OCV voltage	36,6 V
MPP voltage	29,6 V
Technology	mono
Efficiency	22,28 %
Short circuit current	11,49 A
MPP current	10,91 A

CE PANEL

IEC 61215	IEC 61701
IEC 61730	IEC 62716
UL 1703	ISO 9001



EET

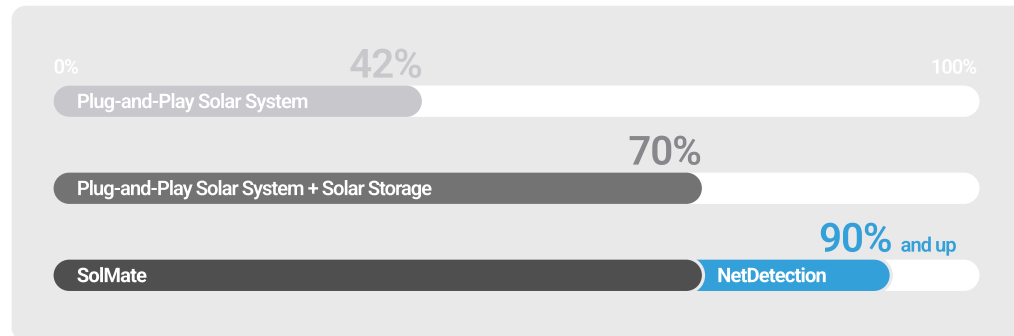
SOLMATE®



*Values may vary. Find exact values for your panel on our homepage.
www.eet.energy/en/service/documents

THIS IS SOLMATE®

The first plug-in photovoltaic and storage system for self-installation. SolMate® consists of the storage unit and two to four standard panels, which you can mount in your home using our various accessories.



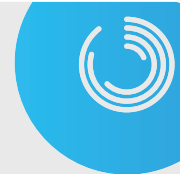
Our patented NET Detection technology measures power consumption real time via the socket and feeds your self-generated electricity into the grid exactly when you need it. Unlike other photovoltaic storage systems that feed your energy back into the grid SolMate® optimizes your energy use efficiently and always to your advantage.

SIMPLE INSTALLATION



Installed in 30-60 minutes without the help of a technician or installer.

100% PERSONAL USE



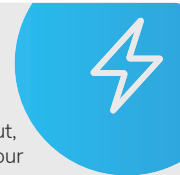
SolMate® recognizes your consumption and covers it. The rest is saved for later.

ENVIRONMENTALLY AND COST-FRIENDLY



Save up to 500 € per year and 15.000 kg CO2 during the product lifetime.

EMERGENCY SUPPLY



Even in the event of a blackout, you can continue to supply your most important appliances.

SUNSHINE IS ESSENTIAL – PANEL INSTALLATION



Made for every home

Choose the mounting option which suits your home best. Position your system where it gets as much sunlight as possible – the more sunlight it gets the more green electricity you produce. Just plug it in and start producing your own solar power. Our panels can be mounted in three different ways:



1

Positioned on the ground

Ideal for your garden, terrace or flat roof.*

The steel brackets are perfect for placing the system on horizontal surfaces, such as your garden or terrace. They allow you to position your panels at an angle of 25 or 65 degrees, giving you the best possible orientation in summer and winter.

Mounted on the balcony railing

Ideal for balconies and fences.*

With the help of our metal balcony hooks the photovoltaic panels become your very own solar system. Simply hook them onto the aluminium frame of your panel, and your solar system also becomes a privacy screen with an extra function.



2

Mounting on the wall

Ideal for walls and fences.*

If you have a sunny wall or fence at home, our rails are the best choice for you. They allow you to mount your new solar system on vertical surfaces and enjoy solar energy while saving space.



3

Mounting on a tilted roof

Suitable for roof tiles.*

Regardless of whether it is the roof of your garage, a garden shed, or on the house: With our roof hooks, your panels can be easily installed or placed on a tilted roof.



4

*You can find detailed information and assembly instructions on our website Homepage at www.eet.energy/en/service/documents

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