

Your Life. Your Energy.

10  
Year Warranty  
12,000  
Cycles

# Your Own Electricity. Always and Everywhere.

Be your own electricity supplier.

**Increase your Power Self-Sufficiency  
by up to 90%**

The SENEK Home system is available in four different capacities (2.5KW, 5KW, 7.5KW and 10.0KW) to suit every application from a full-sized family home or small business.

**SENEC**



## SENEC is recognised in Germany as a Market Leader

SENEC Home 2.5    SENEK Home 5.0    SENEK Home 7.5    SENEK Home 10.0

### General Technical Data

Dimensions (H X W X D)	1,125 mm x 530 mm x 406 mm		
Total Weight of the Storage System	Approx. 77 kg	Approx. 102 kg	Approx. 127 kg
Battery Module Weight	25 kg per battery module		
Compatible with Grid Type	TN/TN-C/TN-S/TT systems		
Number of Phases	Single-/three-phase measurement/single-phase power output/three-phase compensation		
Optimal Ambient Temperature	0 °C to 40 °C		
Relative Humidity	10 % to 85 % (noncondensing)		
Storage Temperature	- 20 °C to 35 °C by a relative humidity of 45 % - 85 %		
Degree of Protection	IP30		
Backup Power Enabled*	Yes		
Communication	Ethernet, CAN, RS485		
Interfaces	Display with LEDs and information note, <a href="http://www.mein-senec.de">www.mein-senec.de</a> (userportal)		

### Performance Data

Battery Technology	Lithium ion (lithium-manganese-cobalt-oxide)		
Max. Usable Storage Capacity**	2.5 kWh	5.0 kWh	10.0 kWh
Max. Active Power Inverter	1,250 W	2,500 W	2,500 W
Input/Output Current	12 A/24 A per battery module		
Charging/ Discharging Voltage	51.7 - 52.3 V/39 - 52 V		

### Certificates & Standards

Ce Certification & Eg Conformity	EMV directive 2014/30/EU (DIN EN 61000-6-2:2005 DIN EN 61000-6-3:2007) Low voltage directive 2014/35/EU (DIN EN 62040-1:2008) RoHS 2011/65/EU
Vde Specifications	VDE-AR-N-2510-2:2015 E-VDE-AR-N-2510-50:2017
Battery Safety	IEC 62619:2014 UN 38.3
Backup Power	DIN EN 62109-2:2012
Grid Codes	VDE-AR-N-4105:2011
Australian Standard	AS/NZS 4777.2:2015 (AU)

### Safety

Over-Voltage Protection & Deep Discharge Protection	By integrated battery management system
Over-Temperature Protection	Automatic power regulation
Battery Protection	Automatic full charging from the grid

### Warranty & Maintenance

Product Warranty***	10-year manufacturer's warranty
Monitoring	Free of charge via PC/laptop/ smartphone, by <a href="http://www.mein-senec.de">www.mein-senec.de</a>
Remote Maintenance	Automatic software updates Automatic malfunction diagnosis



\* The optional mains replacement operation is only available in conjunction with the SENEK emergency power box. There are costs for additional material and installation. \*\* Depending on the loading and unloading conditions such. As temperature, frequency of use and loading and Entladestromstärken.  
\*\*\* With existing internet connection.

