

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 408 mm			
Total Weight of the Storage System	Approx. 77 kg	Approx. 102 kg	Approx. 127 kg	Approx. 152 kg
Battery Module Weight	25 kg per battery module			
Compatible with Inverter Type	TN/NTN / T/NTN / S/T/T 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 % (non-condensing)			
Storage Temperature	-20 °C to 35 °C by a relative humidity of 45-98-85 %			
Degree of Protection	IP50			
Backup Power Enabled*	Yes			
Communication	Ethernet, CAN, RS485			
Interfaces	Display with LEDs and information icon, www.inform.senec.de (user portal)			

Performance Data

Battery Technology	Lithium-ion (lithium-manganese-cobalt-oxide)			
Max. Usable Storage Capacity**	2.5 kWh	5.0 kWh	7.5 kWh	10.0 kWh
Max. Active Power Inverter	1,750 W	2,500 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/39-52V			

Certificates & Standards

CE Certification & eg Conformity EMC directive 2014/53/EU
(CIN EN 55030-6-2:2005
DIN EN 61010-1:3:2007)
Low voltage directive 2014/35/EU
(CIN EN 62040-1:2009)
RoHS 2011/65/EC

Wdg Specifications VDE-AR-N-2510-2:2015
E-VDG-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 4177.2:2015 (AU)

Safety

Over-Voltage Protection & Deep Discharge Protection By integral 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 or smartphone, by www.inform.senec.de
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 Entlastestromstärken. *** With existing internet connection.

