



SENEC

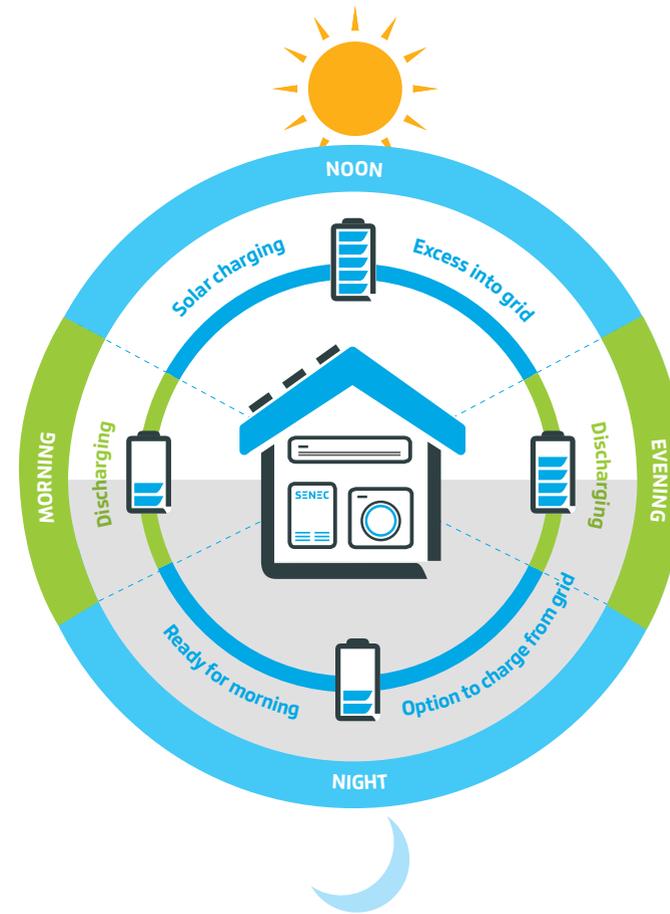
- Quality German-built technology
- Cutting-edge energy management
- Australian Service and Support
- Pay less for reliable power

Take control of your family's power supply

Introducing long-life SENEK Intelligent Energy System

Now you can manage
your own solar-generated
power 24 hours a day

Solar panels are great whilst the sun shines. But now, you can store that valuable free energy and use it whenever you want – even at night.



MORNING.
After supplying power to meet the high morning demand, your system is recharged by the sun.

NOON.
Now your system's fully charged, any excess power is fed into the main grid.

EVENING.
As light levels drop, solar panels alone can't meet the high evening demand. The SENEK system automatically supplies the shortfall.

NIGHT.
Your SENEK system works throughout the night. After your peak demand you can choose to replenish from the grid at off-peak rates for the morning.

Say goodbye to peak energy rates

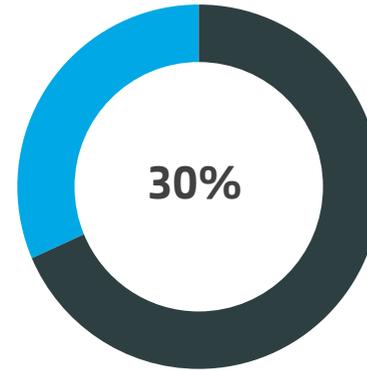
On a sunny day, your solar panels will generate more than enough electricity to power your home and its appliances.

The Senec.Home Li gives you the ability to control when you use your solar power. Think of the SENEK system as a giant, rechargeable battery that automatically steps in when the sun goes down. And it's smart enough to manage your power needs without you doing a thing. Around the time most people are stretching the grid to maximum capacity, you will be happily independent.

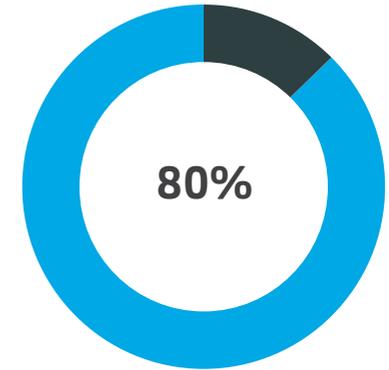
The safe, smart and reliable way to beat big power bills and blackouts

- Future-proof and expandable
- Take full control via the app
- Suits all solar systems

Increase your power self-sufficiency to 80% or more



Solar



Solar + Storage

Install a SENEK system, and your power bills will drop dramatically.

In fact, in an average Australian installation, you'll be able to generate and store over 80% of your power requirements.

If you need more storage, you can add up to 4 SENEK units to create your own micro-grid.

Your SENEK system is also smart enough to supply electricity to your home when there's a power cut on the grid so you can keep your essential appliances running even throughout a blackout.



The SENEK.Home.Li is engineered for 12,000 recharging cycles; that's double the capacity of its main competitor.

German technology with full Australian service and support

The SENEK.Home.Li system is available in 3 different capacities to suit every application from a small apartment through to a full-sized family home or small business.



10 year manufacturer's warranty and 20 years estimated operating life



Internet-connected for free software updates and intelligent energy management



Maintenance-free Panasonic Lithium batteries with high power density

Technical data of the storage system

Operating mode	fully automatic		
Max. active power inverter for charging/discharging	1,250 W / 2,500 W	1,875 W / 2,500 W	2,500 W / 2,500 W
Max. efficiency of the storage system	up to 94 %		
Backup power enabled	yes		
Dimensions (W/H/D)	530 mm / 1,125 mm / 406 mm		
Total weight of the storage system	Approx. 100kg	Approx. 125kg	Approx. 155kg
Weight of the housing without battery	Approx. 50 kg		

Technical data battery

Manufacturer of the battery modules	Panasonic		
Max. amount of charging cycles	12,000		
Usable storage capacity	5.0 kWh	7.5 kWh	10.0 kWh
Rechargeable battery technology	Lithium Ion		
Max. efficiency of the battery modules	98 %		
Lifetime of the battery modules	Designed for up to 20 years**		

Ambient conditions

Optimal ambient temperature	0 °C to + 40 °C***
Relative humidity	10 - 85 % (non-condensing)

** Depending on the charging and discharging conditions such as temperature, frequency of use as well as the levels of current during charging and discharging.
 *** Power reduction of the inverter at higher temperatures - safety switch off in case of overheating.



Stylish and space-saving design made in Germany, supported in Australia.

The SENEK.Home Li is a new generation, home energy storage system that's already sold 15,000 units in Germany.

Its intelligent charging technology gently replenishes the battery power giving the system a life-expectancy of up to 20 years. Internet-connected, the system will also install its own software updates and let you track and control your energy usage via the SENEK smartphone app.

All installations are by trained SENEK Australia technicians who also offer service and support across the country.



Store

your solar power to use
whenever you need it.

Save

on your power bills with
intelligent technology.

Contact us

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