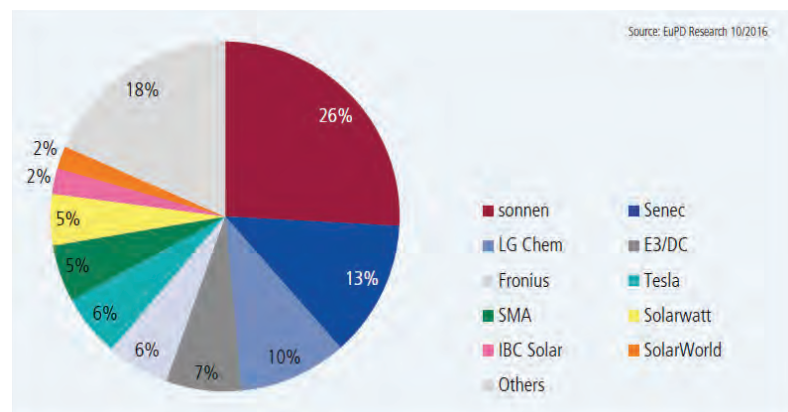


# View in real time installed sonnenBatteries New Zealand locations

<https://globe.sonnen.de>

## European Market Analysis



SonnenBatterie has the leading European Market Share. In the first half of 2016 around 19,000 solar energy storage systems were sold and installed in Europe.

## Technical data sonnenBatterie

The sonnenBatterie comes with the experience of 40,000 installed systems - built into each unit, the newest technology for highest independence and maximum longevity. All in a compact case that offers the highest flexibility thanks to its modular design.

### Dimensions (W/H/D in cm)

Base cabinet (5.0 kWh):  
88/67/23

Dimensions 5 – 15 kWh:  
186/67/23

(height x width x depth)

### Storage capacity

7.5kWh, 10.0kWh, 12.5kWh  
or 15kWh

### Lifespan

10,000 charge cycles

### System intelligence

Automatic increase  
of household energy  
consumption during periods  
of high energy generation.

### Premium guarantee

10 years

### System scope

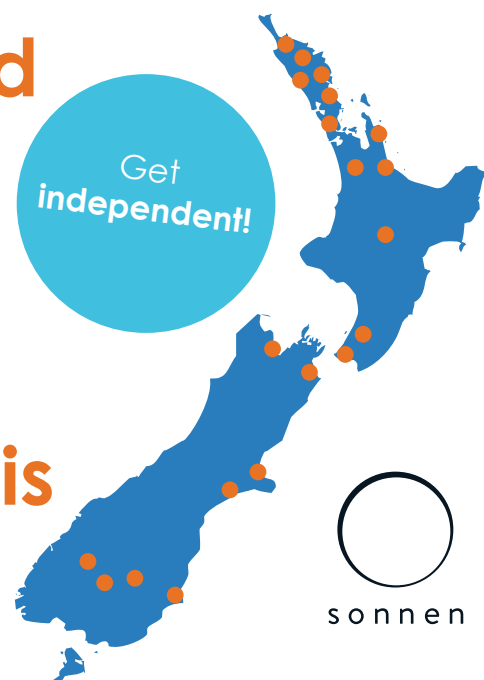
Complete storage system,  
ready to connect

### Intelligent integration

All common heat pumps and  
cogeneration units

### sonnenBatterie hybrid output

3.3 kW



# sonnenBatterie

It's time to  
declare  
your energy  
independence!



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# A clean, reliable and affordable energy supply for all is finally here.

# The sonnenBatterie delivers savings and peace of mind day and night



## The sonnenBatterie is a complete system – ready for connection

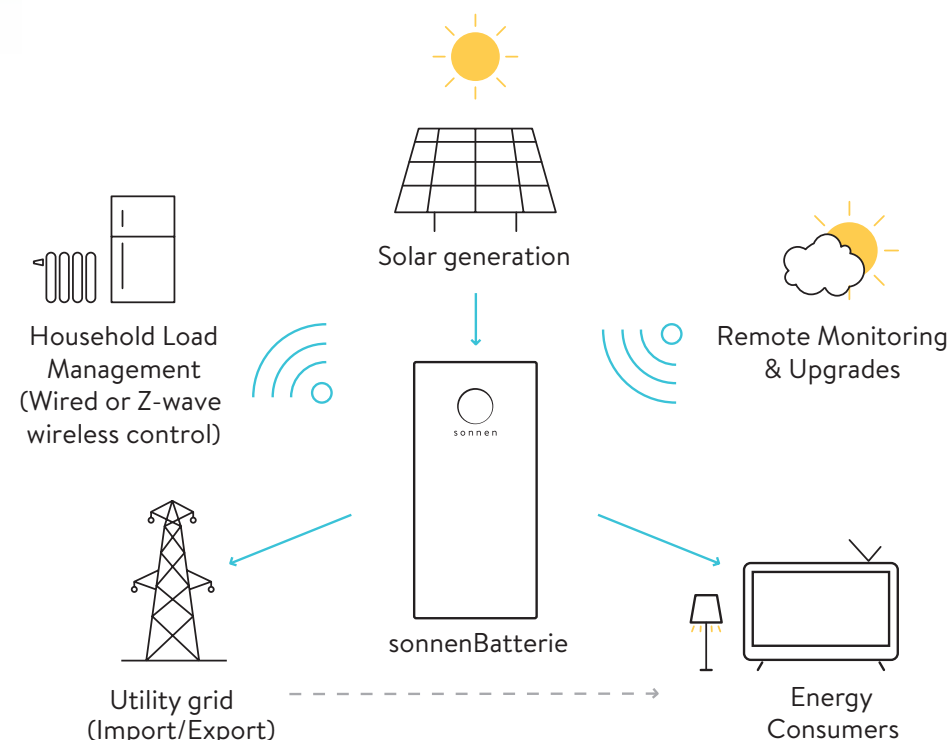
This means that inside of every sonnenBatterie you'll find not only the extremely durable battery modules but also an inverter, an intelligent energy manager, measurement technology and the software to operate it all smoothly. All in one handy box.

- The sonnenBatterie is a **high-tech storage system** that has proven itself in thousands of households – every day.
- The combination of a Solar PV System and a sonnenBatterie will allow you to cover much of your **yearly energy requirement** with self-produced clean energy.
- The decision for a sonnenBatterie is also a decision for the highest standards in safety and quality that **"Made in Germany"** stands for.

Since your energy is being generated on your roof and not by some anonymous energy provider you are more independent than before. So take your energy future into your own hands and reduce your energy costs to a minimum.

## Active energy manager

The sonnenBatterie intelligent energy manager software controls how your home uses energy - increasing your use of self-generated solar energy, minimizing the use of grid during expensive high peak times of day and providing backup power during times of grid outages.



- **Use solar energy at night.**

sonnenBatterie lets you enjoy the benefits of solar energy production 24-hours a day! Our integrated smart electronics manage energy use throughout the day, detecting when there's excess power and storing it for use at any time.

- **Harvest cheaper energy to use later.**

sonnenBatterie allows you to use off peak power often known in New Zealand as time of use or day/night (often 11pm – 7am). You can store this energy when it is cheaper and use this to run your home from the battery when the rates go up.

- **Never worry about the lights going out (optional).**

Electricity blackouts are rare in New Zealand and will only last a couple of minutes, or hours at the most. Even so these outages are always unpredictable and can cause problems. With the emergency power supply sonnenBatterie will reliably supply your household with some stored energy during these power failures.

- **Returns on Investment.**

The sonnenBatterie and solar is a good choice for your home. Investing in your own solar electricity supply makes more sense now that we see bank interest rates on investment at an all-time low. When you deduct taxation from these very low rates you will see that the investment in solar energy and storage will inevitably show good returns, remembering you pay no GST on energy produced from the sun. It also should be noted that \$100 saved on solar energy means you did not have to earn that \$100 and pay PAYE tax on it, when you calculate these savings of GST and lack of PAYE on homegrown energy this will make the solar sonnenBatterie choice a very attractive investment proposition.

## Keep an eye on your energy supply: with the sonnen App and Portal.

With the sonnen App you can manage and control your energy consumption and production. Download the sonnen App to your smartphone or tablet for access to your sonnenBatterie smart energy storage system. The App allows you to monitor, analyse and control the supply and demand of your household or business – anytime, anywhere.

