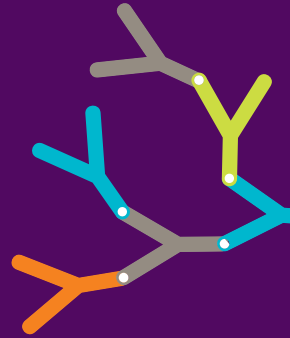
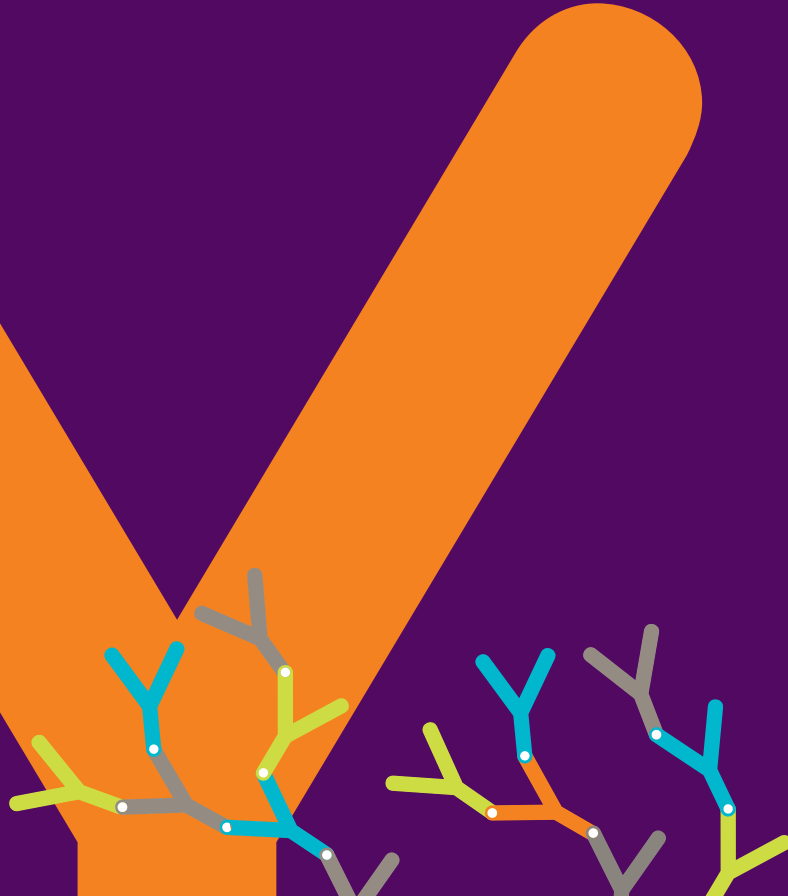


# Younicos

Let the fossils rest in peace.



Yoe



# Yoe



**Yoe** is a smart electricity storage unit that can store between 4 and 12 kilowatt hours, depending on the model. We have designed him right down to the last detail to make him an attractive addition to your private photovoltaic system.

With **Yoe**, you as a homeowner can actually use most of the solar electricity you have generated: connected to a photovoltaic system with an output of 3 to 10 kilowatts, **Yoe** enables you to cover 40 to 80 percent of your private power needs with your own electricity – CO<sub>2</sub>-free, of course.

**Yoe** offsets peak loads by feeding excess energy into the grid or into a power reserve. He also functions as a backup system and emergency generator, with you adjusting the amount of energy stored.



## Tell me Y

Up to now, the widespread use of renewable energies in the power grid has been limited, because solar and wind energy fluctuate and are not always available. After all, the sun doesn't shine around the clock.

## Team player

Energy storage units of various sizes can correct this: with a pool of decentralized stores, CO<sub>2</sub>-free energy reserves can be created to offset peak loads. In the long run, this can increase the share of renewable energies from the energy supply to 100 percent.

## Networked

**Yoe** plays a part in that: with it, owners of private photovoltaic systems can use a large share of the energy they generate. And energy suppliers can communicate with **Yoe** to stabilize the grid. And by using photovoltaic energy directly at its source, **Yoe** also helps to avoid transmission loss – for more sun in the grid.



## Storage

The energy is stored in a lithium ion battery using titanate technology. These batteries have a number of advantages compared with traditional lithium ion batteries: they are especially safe, can be charged very quickly, and have a long lifespan. There is no increased risk of fire when using titanate technology.

## Yunicos

We are working for a future in which energy will be generated in a CO<sub>2</sub>-free and renewable way. All our activities are based on deploying regenerative energy sources. Our core competence is the management of energy storage systems for a stable power supply with renewable energies.

Design: Studio Aisslinger





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