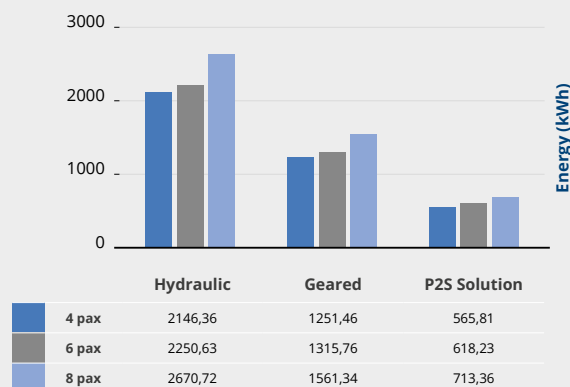


# P2S

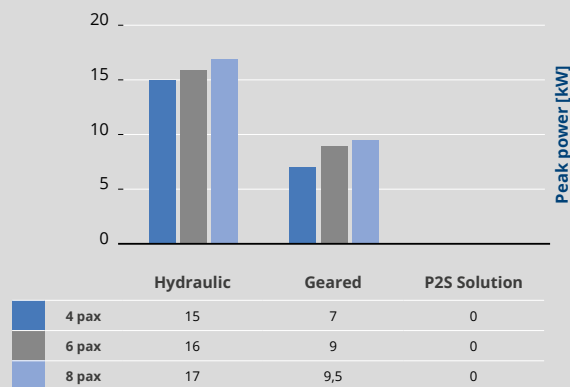
Single-phase power supply system

## Plug & SINGLE PHASE

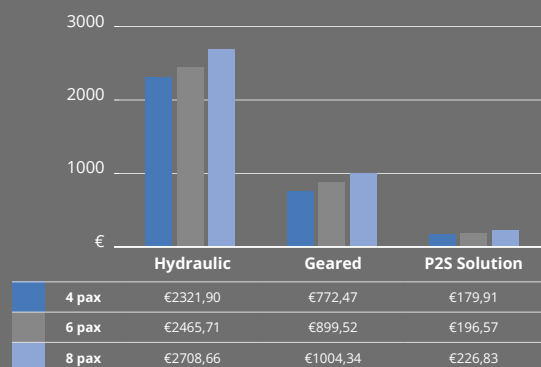
### Energy consumption (per year)



### Peak power consumption (per year)



### Energy + Peak power demand (electricity bill) (per year)



\* Lift with 21 total travel distance. \*\* Energy cost (0,25€ per kWh)



Powers new and existing VVVF drive (three-phase) elevators using a simple single-phase grid connection, with a maximum peak power of 500W. Over 100 trips after black-out are possible. It reduces the peak power consumption minimum levels from

all standard elevator motor and drive systems.

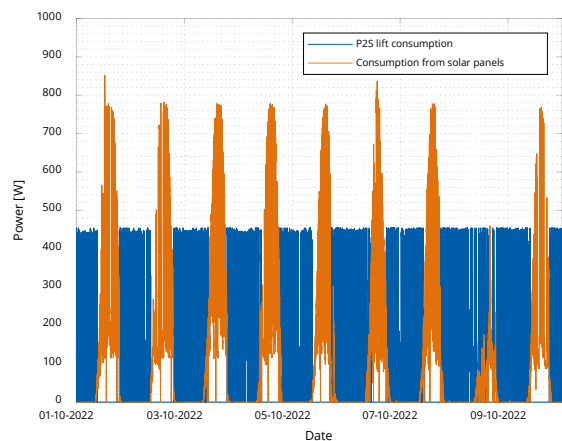
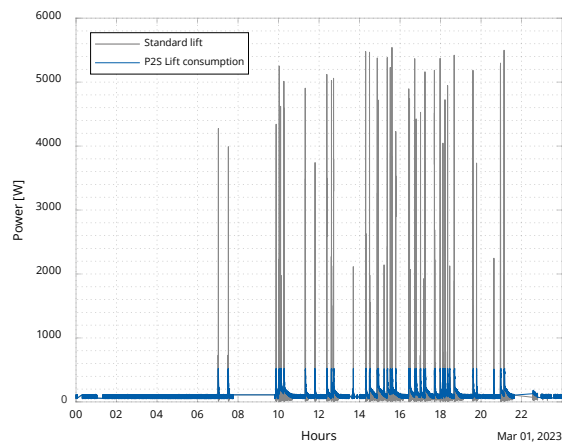
Adding two solar panels to the standard P2S creates an almost zero-energy elevator.



## Case study

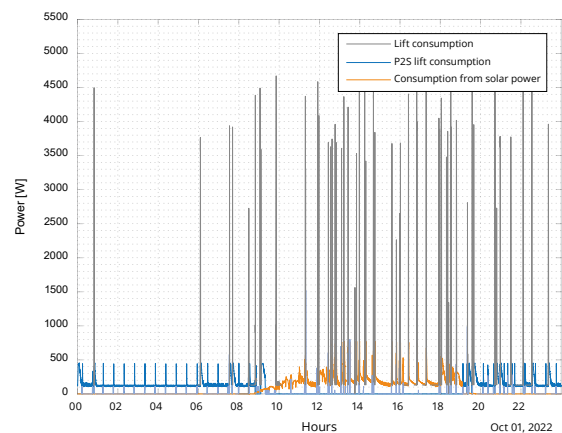
### ■ Consumption differences

Grey: standard lift consumption, normally coming from the grid.  
Blue: grid consumption with P2S installed.



### ■ Nine-day consumption cycle using P2S solar+

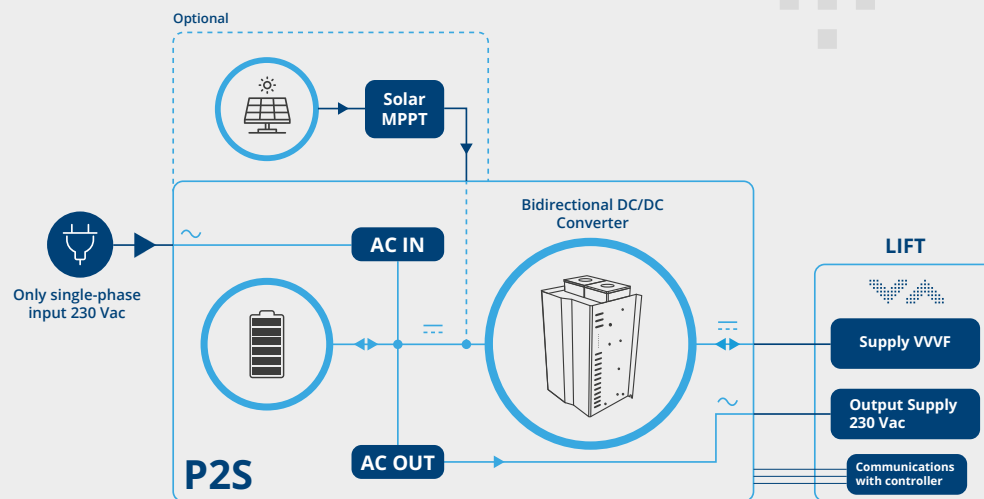
Blue: consumption from the grid.  
Orange: consumption from the solar panels.



### ■ Grid and lift consumption\*

Grey: standard motor consumption from the grid.  
Blue: grid consumption with P2S solar+.  
Orange: power is exclusively generated by solar panels.

\*The motor power remains constant



#### Easy to install

- All single-phase connections
- 2A max consumption from the grid

#### Continues functioning during power outage

- No UPS needed

#### Regenerative

- Reuses regenerative energy

#### Low installation cost

- No three-phase needed

#### Savings on our electricity bills

#### Documentation

VVVF drive connections



Dimensioning of the system



Installation manual

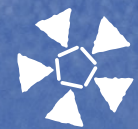




# ENERGY INTELLIGENCE FOR LIFTS



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