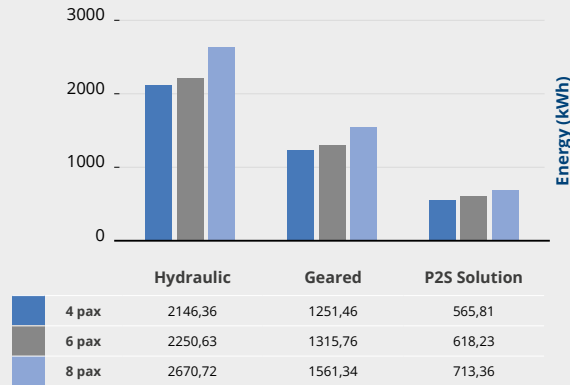


P2S

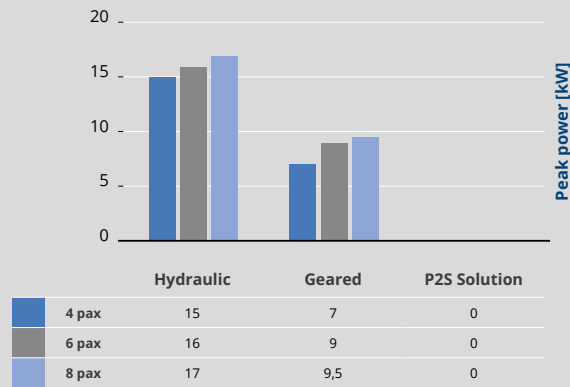
Single-phase power supply system

Plug & SINGLE PHASE

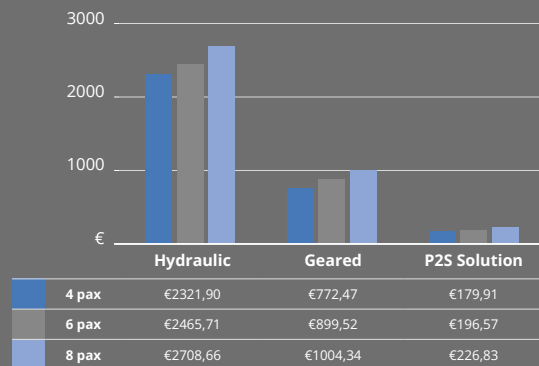
Energy consumption (per year)



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.

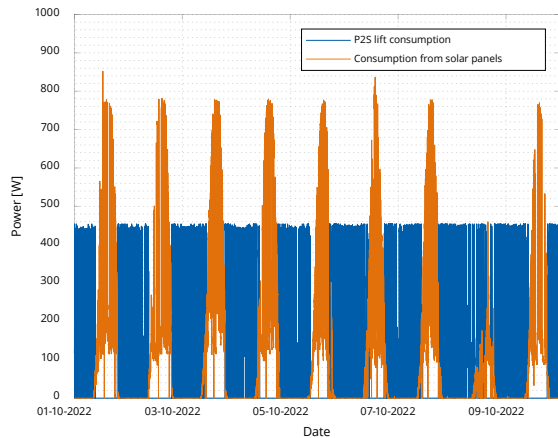
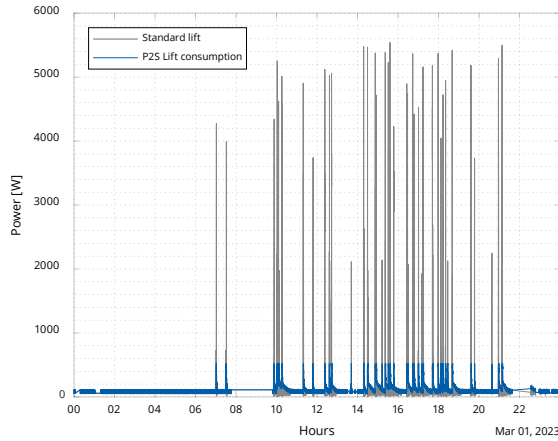
Adding two solar panels to the standard P2S creates an almost zero-energy elevator.



Case study

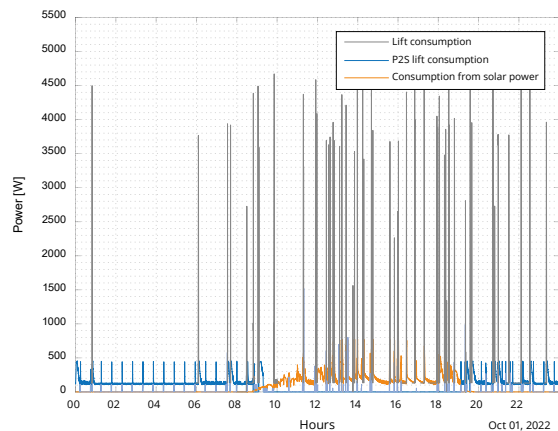
■ Consumption differences

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



■ Nine-day consumption cycle using P2S solar+

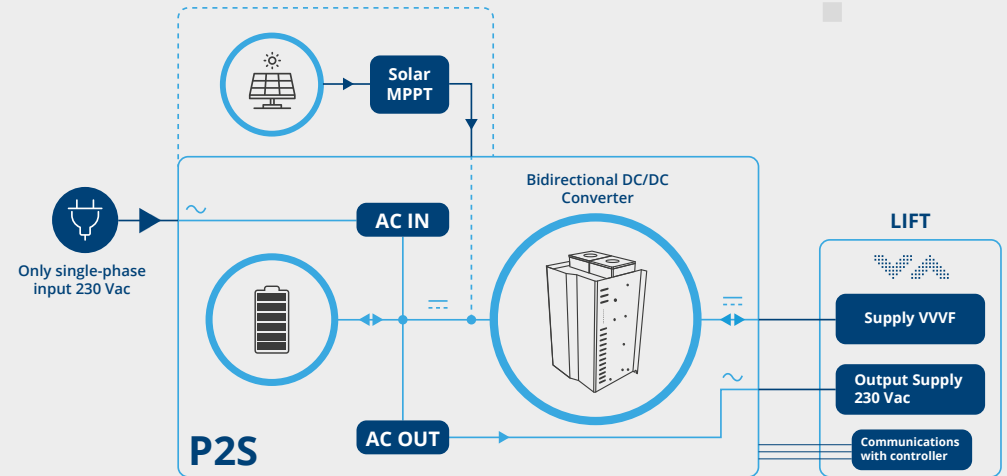
Blue: consumption from the grid.
Orange: consumption from the solar panels.



■ 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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