

# INTILION

## Easy to install. All in one.

C&I storage systems, also known as commercial and industrial storage solutions, play a crucial role in increasing energy efficiency and reducing energy costs for businesses.



### Energy for every application

*The right solution for any challenge*



#### Peak shaving

Commercial and industrial companies often have high peak loads in their energy consumption. An energy storage system can help shave those peaks.



#### EV charging

The grid is not designed to cope with the increasing number of electric vehicles charging points. Energy storage systems increase the available output and optimise the charging infrastructure.



#### Emergency power supply

Bridging the power supply by setting up a stand-alone grid using an energy storage system.



#### Self-consumption optimisation

Optimise energy consumption by storing surplus self-generated power for use when needed.

# The commercial storage system for indoor and outdoor uses

INTILION | scalebloc



INTILION | scalebloc is our all-in-one compact solution for stationary energy storage. The system is particularly easy to install and simple to set up. The storage system impresses with its holistic system approach consisting of battery, inverter, LTE modem, and intelligent system control.



## Connectivity

The use of an LTE modem ensures that operating data is continuously recorded in the INTILION Cloud. This technology has a number of advantages, including allowing our service team to access the system remotely.

## Easy to assemble

The unit can be installed directly using the plug and play feature in accordance with grid connection guidelines. All-in-one, AC-coupled solution and cloud connectivity.

## Climate control & weather-resistance

A coated IP55 outdoor casing and climate control allow the unit to be installed anywhere and to handle any weather conditions.

## Smart system control

Intelligent system management is an additional level of security that monitors the entire system. Its functions include checking the plausibility of all system data and regulating the climate control feature.

## Scalability

Up to four INTILION | scaleblocs can be connected in parallel and thus scaled according to requirements and applications.

Energy content, nominal: 72.8 kWh
Energy content, usable: 65.6 kWh (90 % DoD)
Voltage, nominal: 400 V AC (3L, N, PE), 50 Hz
Grid type: TN-S, TN-C-S, TT
Power, nominal: 25 kVA, 50 kVA and 73 kVA
Cell type: Lithium-ion (NMC), prismatic, 100 Ah
Ambient temperature: -20 °C to +50 °C
Dimensions (H x W x D): 2125 mm x 1674 mm x 1026 mm

# The modular indoor commercial storage system

INTILION | scalestac



## Safety

The indoor storage system uses high-quality lithium-ion cells that are specifically designed for use in buildings, with a safety promise based on our experience with large-scale storage products. The INTILION battery management system meets the highest safety standards, with a sophisticated, proven service and maintenance concept to back it up.

## Scalable

The INTILION | scalestac system can be adapted individually to your needs, even after installation. Parallel connections and other scaling options are available on request.

## Economical

Thanks to its individual scalability, INTILION | scalestac can be flexibly customised for a wide range of customer applications. Thus, it ensures efficient use of energy and therefore cost optimisation.

## Innovative fire protection technology

Our unique INTILION | FLEPS (Fire Limiter and Environmental Protection System) prevents fire from spreading to other modules in line with the VDE-AR-E 2510-50 standard.

Energy content, nominal: 154 – 616 kWh
Energy content per rack, usable: 138.6 kWh
Voltage, nominal: 400 V AC (3L, N, PE), 50 Hz
Grid type: TN-C-S, TN-S and TT
Power, nominal: 25 - 400 kVA in 25 kVA steps
Cell type: Lithium-ion (LFP), prismatic, 100 Ah
Optimal ambient temperature: +15 °C to +30 °C
Dimensions (H x W x D): 2217 mm x 1018 mm x 1167 mm

# See where our energy storage systems are already optimising energy use today

## Projects

### Playparc

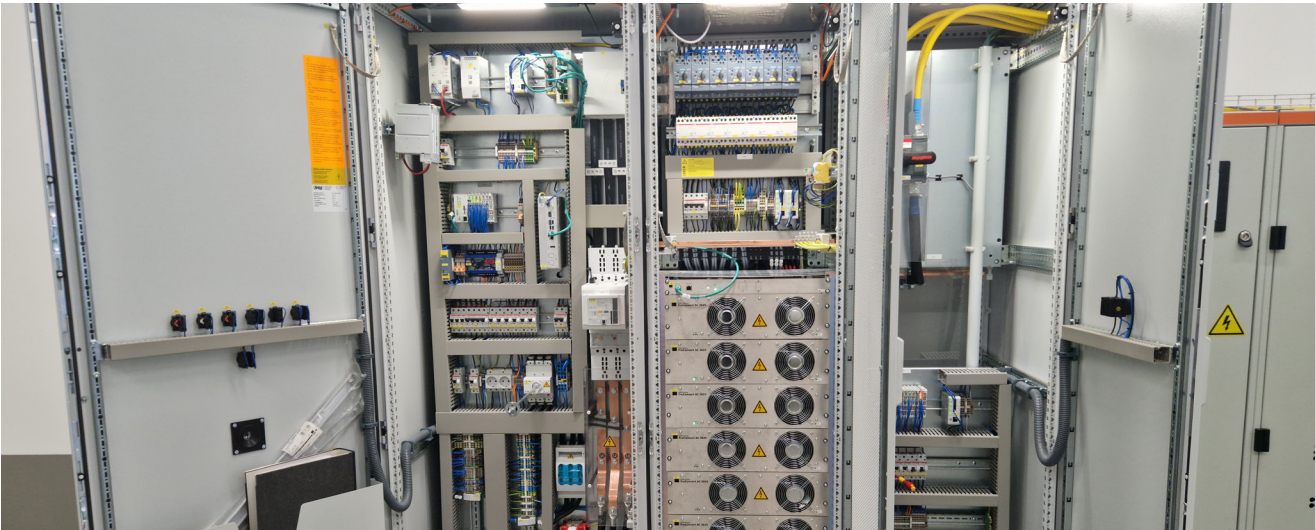
With INTILION | scalebloc, PLAYPARC can now match the energy generated by the photovoltaic system more effectively to their own consumption. INTILION | scalebloc stores surplus power from renewable energy sources and releases it during periods of high energy demand. Particularly in the operation of large-scale metal and wood processing machinery, which PLAYPARC employs, the green energy from the solar array can be utilised more efficiently.



### Self consumption optimisation



**1x INTILION | scalebloc**  
Capacity: 73 kWh  
Location: Bad Driburg, Germany

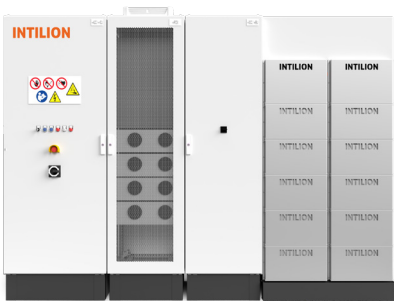


### Scalestac in Hannover, Germany

In the world of industrial operations, efficient peak load management is essential. This is where our INTILION | scalestac comes into play, providing energy in Hanover with a capacity of 308 kWh and an output of 175 kVA. But what really sets it apart? The scalability factor. INTILION | scalestac can be customised to individual requirements, with the option of scaling both the output and the capacity up to 400 kVA and 616 kWh.



### Peak shaving



**1x INTILION | scalestac**  
Capacity: 308 kWh  
Location: Hannover, Germany





# INTILION



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