

Planning and preparation tips for your commercial storage system



1. Planning

Check device suitability:

Check the suitability of the devices for the specific application (e.g. peak shaving).

Is the use of a higher-level EMS necessary?

Check the infrastructure:

Check the existing electrotechnical conditions including, if necessary, testing of third-party inverters etc.

Normative framework conditions:

Ensure that all legal and normative requirements are met.

Grid connection:

Check the grid connection and coordinate with the energy supply company (EVU) to approve the grid connection point.

Check the installation site:

Check the installation site in accordance with the manufacturer's specifications (clearances, ventilation, accessibility, load-bearing capacity of the base plate, etc.).

Create a foundation:

If necessary, create a suitable foundation according to the manufacturer's specifications.

Fire protection:

Coordinate with the fire protection officer and integrate the local fire protection concept with final approval.

2. preparation for implementation

Check the delivery and unloading location:

Check the suitability of the delivery and unloading location (e.g. sufficient maneuvering space for trucks).

Suitable equipment:

Ensure that suitable equipment and vehicles are available for unloading and transportation (e.g. fork-lift trucks).

Check transport and travel routes:

Check the transportation and travel routes for sufficient load capacity and maneuvering space.

Prepare connections:

Prepare the connections at the installation site of the storage tank (electrical/communication).

Observe the manufacturer's specifications:

Observe the manufacturer's instructions for installation, transportation and storage.

Load capacity of the installation site:

Carry out a final check of the installation site for resilience (e.g. drying out of the foundation).

Employee training:

Train your employees in the handling of dangerous goods and heavy load elements.

Use qualified personnel:

Assembly and installation may only be carried out by trained or suitable specialist personnel.

3. commissioning

Employees on site:

Ensure that sufficient employees are on site for commissioning.

Accompany commissioning:

Commissioning takes place on one day and is accompanied by one or two employees of the manufacturer.

Note: All further steps for assembly and installation can be found in the respective manufacturer's instructions or the contents of the booked support package.

