

Realized projects:

Commercial operation with electric cars in the fleet

→ Storage system with 16 kW inverter power and 40 kWh battery capacity

Functionalities:

- Integration of the different power plants, PV plant and wind turbine
- Peak shaving
- Self-consumption-regulation for charging station, Office, warehouse

Bus company with electrical buses

→ Storage system with 27 kW inverter power and 44 kWh battery capacity.

Functionalities:

- Integration power plants (PV system).
- Peak shaving
- Power-consumption-regulation for Office, home and bus garage.



Kindergarten with fresh kitchen

→ Storage system with 60 kW inverter power and 198 kWh battery capacity.

Functionalities:

- saves expensive grid expansion
- Power consumption limit.
- Integration of power plants (PV system).
- Peak shaving with load management.
- Power-consumption-regulation.



Industrial plant

→ Storage system with 280 kW inverter power and 231 kWh battery capacity.

Functionalities:

- Sector linkage of the renewable energy sources.
- Peak shaving
- Power-consumption-regulation.
- Island operation.



municipal water drainage

→ Storage system with 60 kW inverter power and 66 kWh battery capacity in concrete prefabricated station installed.

Functionalities:

- Peak shaving and limit load management and Power-consumption-regulation.
- Integration of power plants, PV system and CHP.



Realized projects:

Energy suppliers

→ Storage system with 240 kW inverter power and 264 kWh battery capacity in special steel container installed.

Functionalities:

- Reduction of peak demand
- Flexibility of grids



Wind park

→ Storage system with 720 kW power and 792 kWh battery capacity in a compact design.

Functionalities:

- Buffering of wind energy.
- Provision of primary control power.
- Flexibility of the power grids



High power charging

→ Storage system with 720 kW and 1500 kWh battery capacity Installed in 20ft high cube special container.

Functionalities:

- Buffers of energy for quick loading.
- Charge rate is independent of the local to the Available below the mains connection.
- Quick charging is DC side directly from the battery in the vehicle.
- Charging column with CCS1, CCS2, China standard GB / T, CHAdeMO.
- Reduction of peak loads.



Sports events

→ Storage system with 240 kW and 336 kWh battery capacity installed in compact form in the walk-in standard 20-foot container.

Functionalities:

- Buffers of energy for charging stations and Event equipment.
- Number of charging stations are independent of the locally available grid connection
- Reducing the grid load on the connection location.

