

BayWa r.e. is a leading global renewable energy developer, service provider, distributor, and energy solutions provider.



## BayWa r.e. Solar Trade

**We combine a comprehensive product range with outstanding customer service.**

- High-quality solar products and solutions
- Strong partnerships with top-tier manufacturers
- Logistics expertise
- Seminars and trainings
- Comprehensive digital services like full system configurations via our planning tool Solar-Planit
- Our own novotegra mounting system for anchoring panels on all types of roofs
- Proven track record of successful projects and satisfied customers

**Employees**

**> 1 400**



**Global footprint**

**23** entities

**6** sales offices



**Quantity sold**

**> 10 GW**

of modules and inverters combined





# Commercial BESS case study in the Czech Republic

Sport hall in Prague, 08'2023

## Application:

- **Minimize grid consumption**, benefiting from own PV installation
- **Energy arbitrage**, also related to spot prices and weather conditions
- **Future-proof/ ready to be scaled up** (EV chargers, capacity increase, ...)

## System Components

- 100 kWp SolarEdge PV system
- 4\* ETT 29.9kW GoodWe hybrid inverter
- 434 kWh Pylontech H48050 battery
- Own EMS (Energy Management System)

### Main applications for C&I BESS in CZ

#### To cover load consumption

- Optimization of self-consumption
- Saving energy

#### Peak-shaving

- Saving money on reserved power

#### Charging station

- Increasing power capacity for EV cars

#### Backup of important processes

