

Plant Control, Operational Visualization & Optimization Platform

Modular functions. Maximum flexibility.

PowerKonnekt is a modular software platform for the control, monitoring and optimization of energy storage systems. Each function can be selected independently — so you get exactly what you need.



Functional Modules



1. Plant Control (EMS & PPC)

Purpose:
Real-time control and grid compliance.

- Battery Monitoring
- Direct Charge / Discharge
- Scheduled Charging
- Load Following
- Peak Limiting / Peak Shaving
- Power Factor Correction
- Reactive Power Support
- Voltage Regulation*
- Grid Code Compliance

*Excluded from standard C&I scope



Choose what you need

Activate only the functions that create value for your project.



2. Operational Visualization

Purpose:
Transparency and operational awareness.

- Web HMI
- Alarm Management
- Event Logging
- Customizable Dashboard
- Automated Reporting*

*Excluded from standard C&I scope



Flexible & Scalable

Start small and add functions as your needs and business grow.



3. Optimization & Market Integration

Purpose:
Revenue optimization and market participation.

- Ancillary Services (FCR-N, sFRR, etc.)
- Energy Market Integration
- Automated Energy Trading
- Demand Side Response
- Aggregation
- Virtual Power Plant



Open & Integrated

Open interfaces and APIs ensure seamless integration with your ecosystem.



4. Asset & Fleet Management

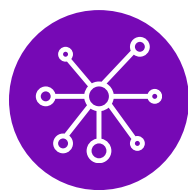
Purpose:
Multi-site and portfolio management.

- Remote Monitoring & Control
- Advanced Data Analysis
- Warranty Tracking
- Multi-Site Management
- Cloud Access & Support



Your Platform. Your Choice.

A modular platform that adapts to your requirements — not the other way around.



5. Connectivity & Integration

Purpose:
Open system architecture.

- Modbus TCP
- REST API
- Automated Updates & Backups
- Custom Dashboard & API Design
- 3rd Party System Integration
- EV Charge Management
- Energy Source Integration (PV, Wind, etc.)



Cyber Secure
Built-in security features and role-based access.



Vendor Neutral
Works with leading BSS, PCS and field devices.



Cloud Ready
On-premises or cloud deployment options.



Future Proof
Regular updates and feature expansion.



Expert Support
Our team supports you from project operation.