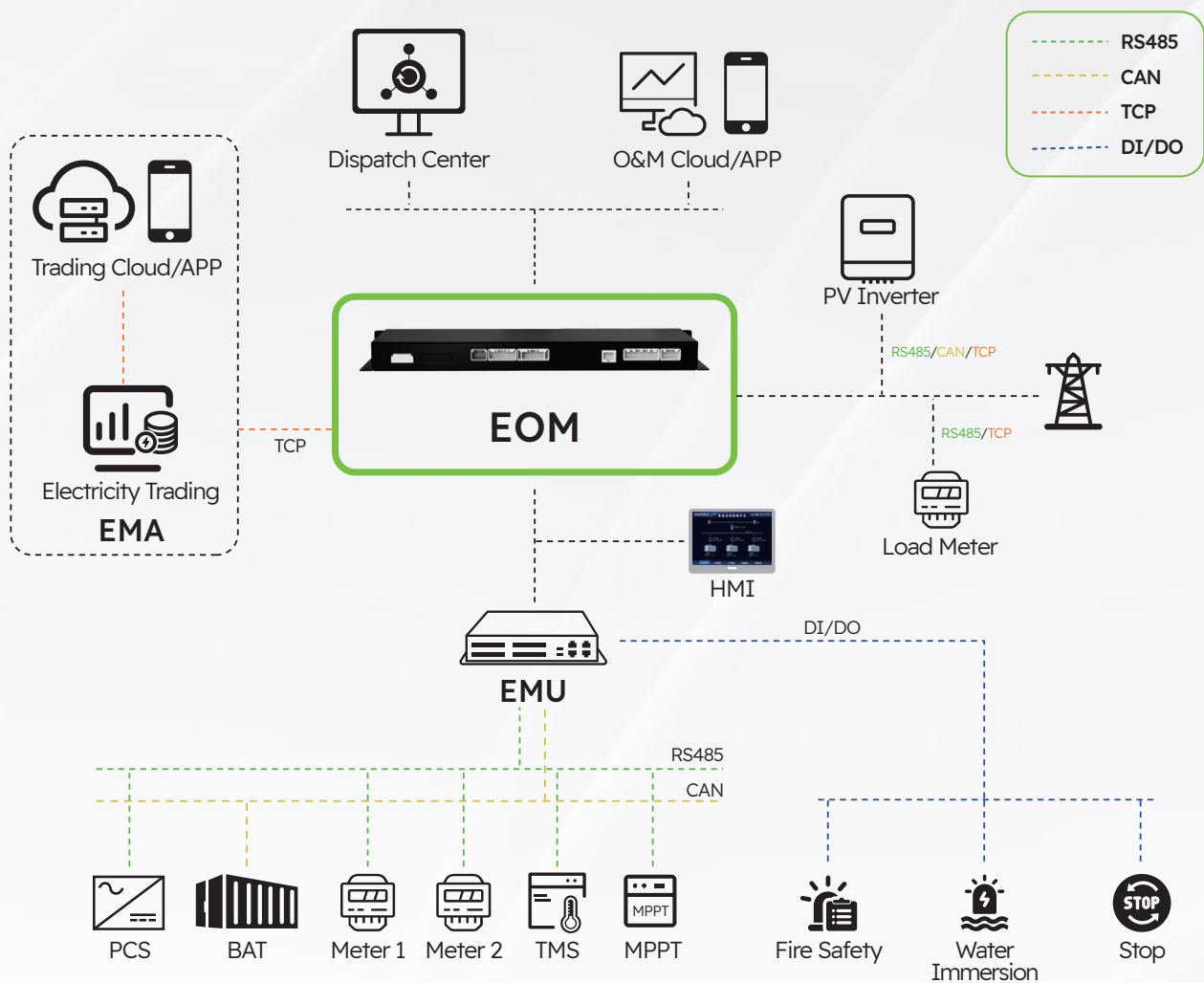


Energy Management System (EMS)

Automotive-Grade Standards, Defining the Brain of ESS



EMA: Energy Market Application

EOM: Energy Operations Manager

EMU: Energy Management Unit

Total Safety · Automotive Grade

- ASIL-B Certified: Compliance with automotive standards.
- Multi-layer Safety: Full hardware & software protection.
- Secure Boot: SecureBoot for low-level safety.

Dynamic Monitoring · Precision Control

- MBD-Based Control and Millisecond-Level Real-Time Response.
- Revenue Optimization: Dynamic estimation for optimal returns.
- Intelligent Longevity: Self-calibration for longer life.

Worry-free Operation · Smart O&M

- Fault Isolation: UDS-based precise fault location.
- Panoramic Monitor: Million-level data proactive alerts.
- Cost Reduction: Cloud-based management lowers costs.

Advanced Architecture · Rapid Upgrades

- Efficient Architecture: Modular AUTOSAR software design.
- Global Connectivity: Million-level data instant access.
- Remote Upgrades: High-speed OTA for multi-projects.

EMS Cloud Platform

An advanced EMS designed to reduce operational risk, stabilize returns, and support long-term energy storage projects.



Application Scenarios

One EMS Platform. Multiple Real-World Applications. Designed for long-term, reliable energy storage operation.



Commercial & Industrial ESS

Cut electricity costs. Simplify operation.



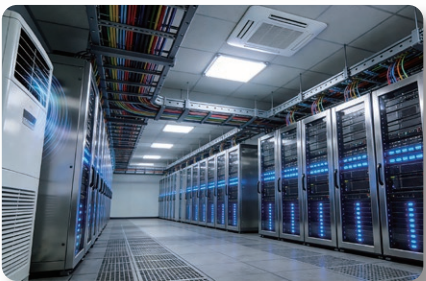
PV + ESS Systems

Use more solar. Use less grid.



Microgrid & Off-Grid

Stable power under unstable grids.



Backup Power & Critical Loads

Power continuity when it matters most.



Multi-Site & Scalable Projects

Grow from one site to many.



Hybrid Energy Systems

Seamless multi-energy coordination