FALCON
ESS

Company Profile 2026

Clean Energy • A Brighter Tomorrow



Residential Energy Storage • Commercial & Industrial Solutions • Smart Energy

FALCON ESS

CLEAN ENERGY
A BRIGHTER TOMORROW

About Falcon ESS

Falcon ESS is focused on elegant, reliable and scalable energy storage solutions for modern homes, commercial facilities and industrial applications. Our design language combines premium aesthetics with practical performance, smart monitoring and long-term service support.



Brand Vision

Clean energy with a premium user experience.

Product Focus

Smart inverters, modular batteries and integrated ESS.

Market Direction

Residential, commercial and industrial energy solutions.

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Residential
Smart Energy Storage

Clean backup power and intelligent solar self-consumption for villas, residences and premium homes.

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Signature Grey Design
A calm premium aesthetic for modern spaces.

Modular LiFePO4 Battery
Flexible storage sized for different household needs.

Smart Monitoring
App and web visibility for daily energy control.

Quiet & Easy Installation
Designed for elegant wall and floor integration.

POWERING A CLEANER BRIGHTER TOMORROW

FALCON ESS

Commercial & Industrial Solutions

Scalable energy storage for warehouses, campuses, factories and logistics facilities.



Peak Shaving & Load Shifting
Improve energy efficiency and demand control.

PV + ESS + EV Integration
Connect solar, storage and charging in one system.

Scalable Cabinet Systems
Suitable for growing site requirements.

Remote Monitoring & Service
Central visibility with practical support capability.



Warehouses • Factories • Commercial Campuses • Logistics

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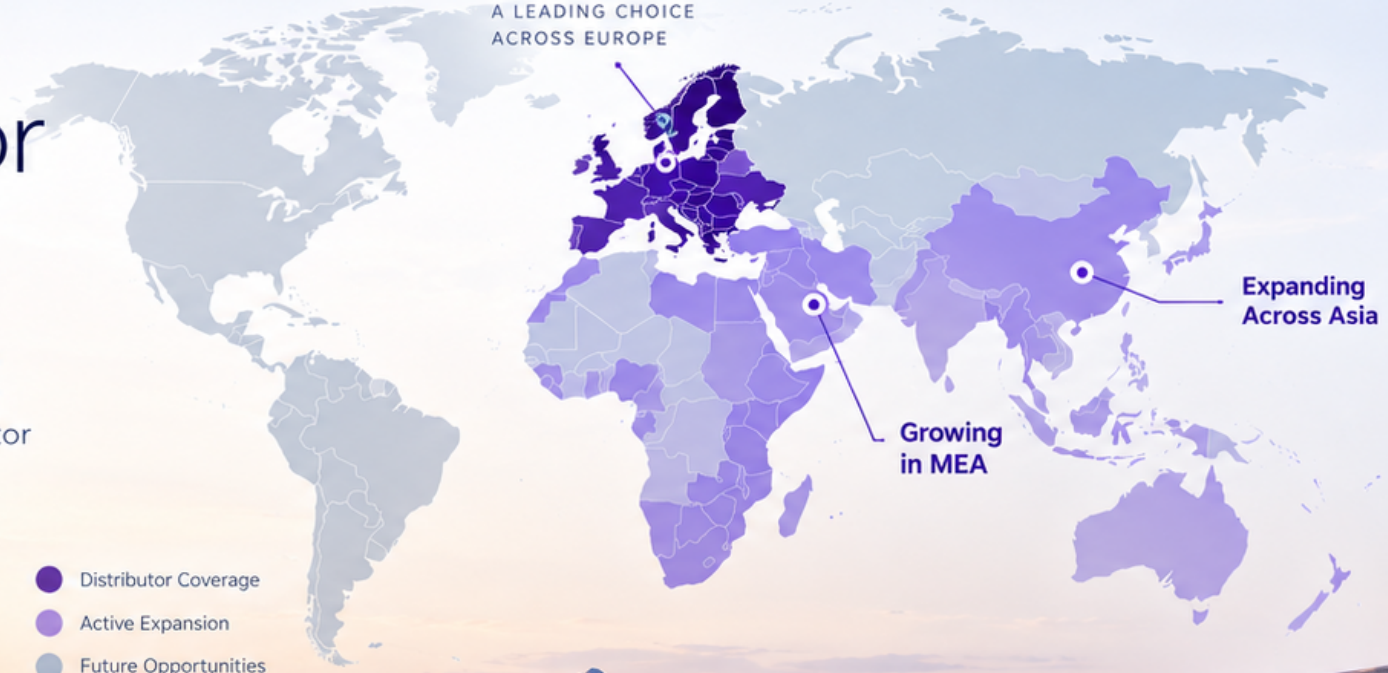
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Global Distributor Network

Falcon ESS works with distributors and partners around the world to accelerate the clean energy transition. Europe is fully covered by our distributor network, and Falcon ESS is a leading choice across Europe. We are expanding in MEA and global markets through protected distributor partnerships.

TOGETHER FOR A CLEANER, BRIGHTER TOMORROW



50+
DISTRIBUTORS WORLDWIDE

70+
COUNTRIES IN FOCUS

4
KEY REGIONS
EUROPE • MEA
ASIA • AMERICAS



Europe Coverage
100% covered with distributors. A leading choice across Europe.

Global Distributors
50+ partners in 70+ countries and growing.

Exclusive Channel Model
Protected territories and long-term value for our partners.

Expanding in MEA
Rapid growth through strategic distributor partnerships.

Long-Term Partnerships
Built on trust, shared growth and a cleaner, brighter tomorrow.

Regional Support
Dedicated commercial, technical and after-sales support worldwide.

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Integrated Product Ecosystem

A complete range of energy storage solutions for homes, businesses and industries.
Elegantly designed. Seamlessly integrated. Built for a cleaner, brighter tomorrow.

Residential Solutions
Smart, safe and stylish energy storage for modern homes.

Commercial Solutions
Scalable systems for offices, retail, campuses and more.

Industrial Storage
High-capacity, reliable storage for demanding industrial applications.

Smart Monitoring
Real-time monitoring, remote management and intelligent control.

Modular Expansion
Flexible configurations that grow with your energy needs.



Complete Product Range
From residential to C&I, one integrated ecosystem.

Elegant System Integration
Designed to work together seamlessly.

Scalable Configuration
Flexible capacity to fit any project.

Reliable & Future-Ready
Engineered for long-term performance.

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Smart Monitoring & Energy Intelligence

Real-time insights, smarter control and lasting performance — anytime, anywhere.





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Real-Time Power Flow
See generation, storage, consumption and grid flow in real time.

App & Web Portal
Control and monitor anytime, anywhere.

Remote Diagnostics
Faster support and proactive maintenance.

Smart Alarms
Instant notifications for system events and safety alerts.

Energy Reporting
Detailed insights for smarter energy decisions.

Firmware Updates
Stay up to date with the latest features and performance.

RESIDENTIAL • COMMERCIAL • INDUSTRIAL SOLUTIONS • SMART ENERGY

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FALCON ESS

Warranty, Service & Partner Support

More than energy storage. A long-term partnership. Falcon ESS stands behind every product with comprehensive support, expert service and a commitment to your long-term success.



15 YEAR WARRANTY

10 YEARS
Standard Warranty
Full product coverage for peace of mind.

+

5 YEARS
Additional Support
Extended protection for lasting value.

A STRONGER TOMORROW, TOGETHER

Expert Technical Support
Direct access to our experienced technical team whenever you need it.

Dealer & Installer Training
Comprehensive training programs for certified partners and installers.

After-Sales Service
Fast, professional support to keep your system running at its best.

Installation Support
Detailed resources, documentation and on-site guidance when needed.

Long-Term Partnership
We grow with our partners through continuous innovation and mutual success.

Smart Service Response
Efficient, intelligent service processes for minimal downtime.

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Solar Panel Solutions

Falcon ESS offers high-efficiency solar module solutions that integrate with homes, businesses and large-scale energy projects.



N-Type High Efficiency
Higher output, better real-world performance.

450W – 720W Power Range
Optimized for residential to utility-scale projects.

Low Degradation
Longer lifespan, more value.
≤ 0.4% annual degradation (typical)

Built for Residential Commercial / Utility
Flexible solutions for every scale.

Optimized for ESS Integration
Seamless system design for higher energy independence.

Monocrystalline Modules
Premium cells for superior performance.

Strong Low-Light Performance
More power from morning to evening.

Reliable Long-Term Output
Engiheered for 25+ years of clean energy.

Residential • Commercial • Utility • A Greener Future

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DATASHEET HIGHLIGHTS

Top-Selling Products

Key Datasheet Highlights

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Hybrid Inverter

Application	Residential
Capacity / Power	3–12kW
Monitoring	Smart Monitoring
Installation	Wall Mounted

Wall Battery

Application	Home Backup
Capacity / Power	5.12kWh
Chemistry	Modular LiFePO4
Installation	Compact Form

Power Cube

Application	Premium Residential ESS
Capacity / Power	10–20kWh
Design	Stackable Design
Installation	Fast Installation

Commercial ESS Cabinet

Application	Commercial & Industrial
Capacity / Power	100kWh+
Monitoring	Remote Service
Installation	Scalable

Best Sellers
Trusted worldwide

Modular Design
Flexible for every need

Scalable Expansion
From homes to industries

Remote Monitoring
Always in control

Reliable Performance
Built for a brighter tomorrow

Residential • Commercial • Industrial • Smart Energy

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Certificates & Quality Assurance

Falcon ESS products are built with rigorous quality procedures and third-party verification to ensure safety, performance and long-term reliability, supporting global distribution and a cleaner energy future.

intertek Total Quality. Assured.

SGS

ISO 9001 · ISO 14001 · CE · RoHS · QC Quality Control



Third-Party Testing
Verified by globally recognized laboratories.

Factory QC
Strict quality control in every production stage.

ISO Management Systems
ISO 9001 & ISO 14001 certified operations.

CE / RoHS Compliance
Meet international safety and environmental standards.

Global Delivery Standards
Reliable quality for a worldwide clean energy future.

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Complete Falcon ESS Product Fleet

One Brand. Multiple Energy Solutions.

Falcon ESS delivers integrated residential, commercial and industrial energy solutions built for reliability, scalability and a cleaner brighter tomorrow.



SOLAR PANELS
Capture a Cleaner Tomorrow

EV CHARGER
Drive a Cleaner Future

HYBRID INVERTER
Intelligent Energy Control

WALL BATTERY
Intelligent Power for Every Home

POWER CUBE
Scalable Energy for Growing Needs

COMMERCIAL ESS
Powering Bigger Possibilities

Residential
Clean energy for a better everyday life.

Commercial
Reliable power for growing businesses.

Industrial
Scalable solutions for a stronger tomorrow.

Smart Monitoing
Real-time control for greater efficiency.

Long-Term Partnership
More than products. A cleaner, brighter future together.