AlphaESS
your smart energy

SMALL SCALE C&I STORAGE SOLUTIONS

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AlphaESS
your smart energy

STORING TOMORROW'S ENERGY TODAY FOR A SAFER FLEXABLE FUTURE

> **MAKE CLEAN ENERGY**
>
> **ACCESSIBLE TO 100 MILLION**
>
> **PEOPLE IN 10 YEARS**

CONTENTS

1

ABOUT ALPHAESS

Founded in 2012, AlphaESS is now one of the world-leading energy storage solution and service providers. The company specialises in delivering pre-eminent fit-for-purpose product solutions covering the full power range from small portable power stations all the way up to large utility-scale solutions. With 40+ subsidiaries in the globe, AlphaESS provides local services and supports 200,000+ systems actively running in 130+ countries.

13+
Years since Establishment

250+
Patents in the ESS Field

200,000+
Systems Installed Globally

130+
Countries & Regions

TOP 1
2022-2023 TOP 1
Australia Market Share
from SunWiz

TOP 5
2023 H1 TOP 5
Residential ESS Provider in Germany
from EUPD Research

TOP 6
2021 TOP 6 Supplier of
Global Residential Storage Systems
from IHS Markit

NPS 92,3%
NET PROMOTER SCORE

The Most Recommended
Brand in Germany

TIER 1 Bloomberg
NEW ENERGY FINANCE

Tier 1 Energy Storage Manufacturer
by BloombergNEF 2025

iF

iF & Reddot & G-mark
Design Award

TOP BRAND PV
(STORAGE & INVERTERS)

GLOBAL SERVICE NETWORK

America (US)

Europe (Germany, Benelux, Italy, UK)

Other Regions in Asia (Japan, Republic of Korea, Malaysia)

United Arab Emirates

Nigeria

Kenya

Global Headquarters: Nantong, China

Africa (South Africa)

Overseas Headquarters: Singapore

Oceania (Australia, New Zealand)
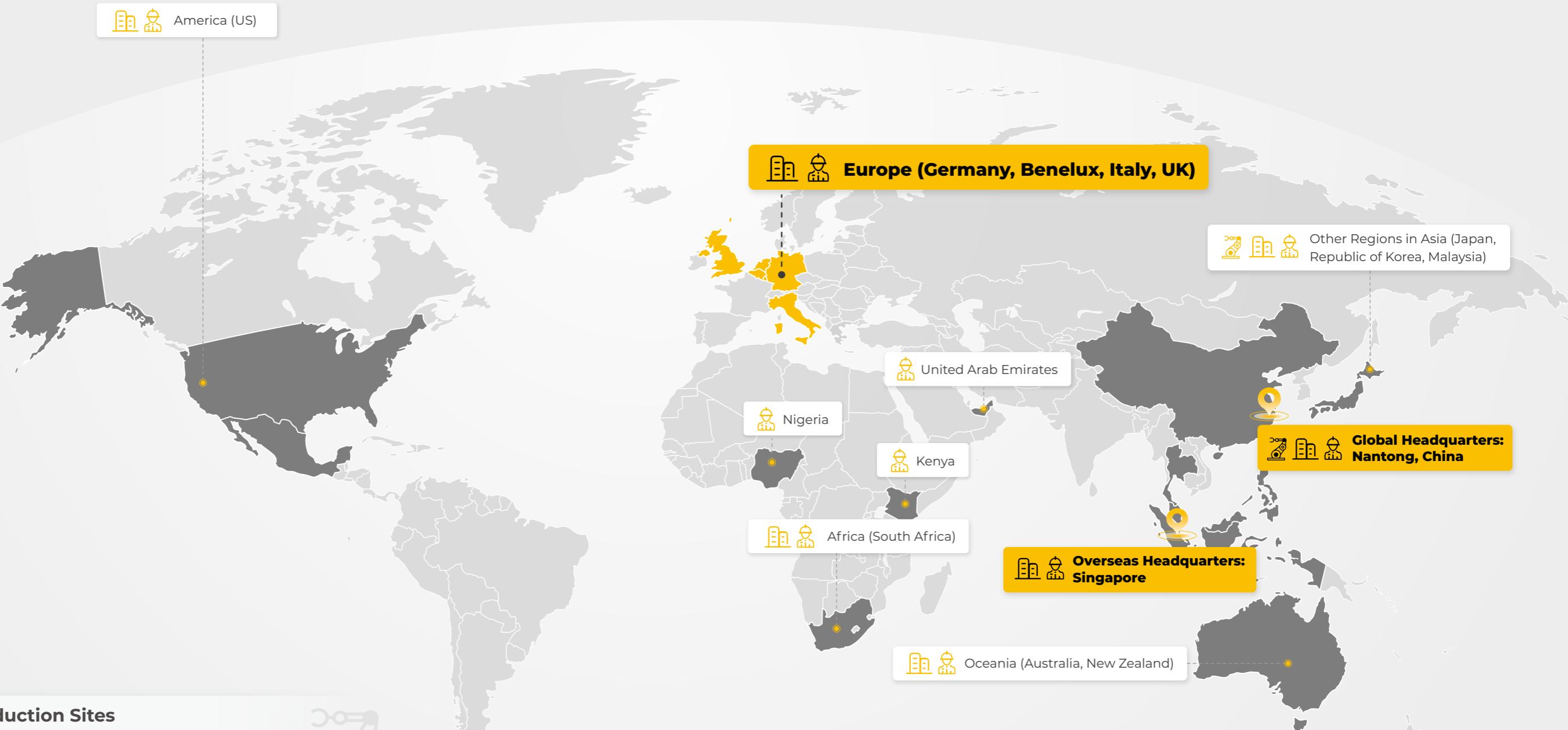
4 Production Sites

China: Nantong (Tongzhou), Qidong, Ulanqab

Malaysia: Penang

4 R&D Centres

Nantong (Tongzhou), Suzhou, Nanjing, Tianjin

40 Subsidiaries

China: Suzhou, Beijing, Tianjin, Shenzhen, Chengdu, and Nanjing.

Global: European countries, including Germany, Benelux, Italy, and the UK; Oceanian countries like Australia and New Zealand; the United States; Asian countries like Japan, Republic of Korea and Malaysia.

Note: The data shows the company's global presence as of the end of 2024.

INTELLIGENT MANUFACTURING

Driven by technological innovation, we deliver efficient, precise, and reliable products and services.

Intelligent Production Line

Lean Production

Intelligent Warehousing

Digital Integration
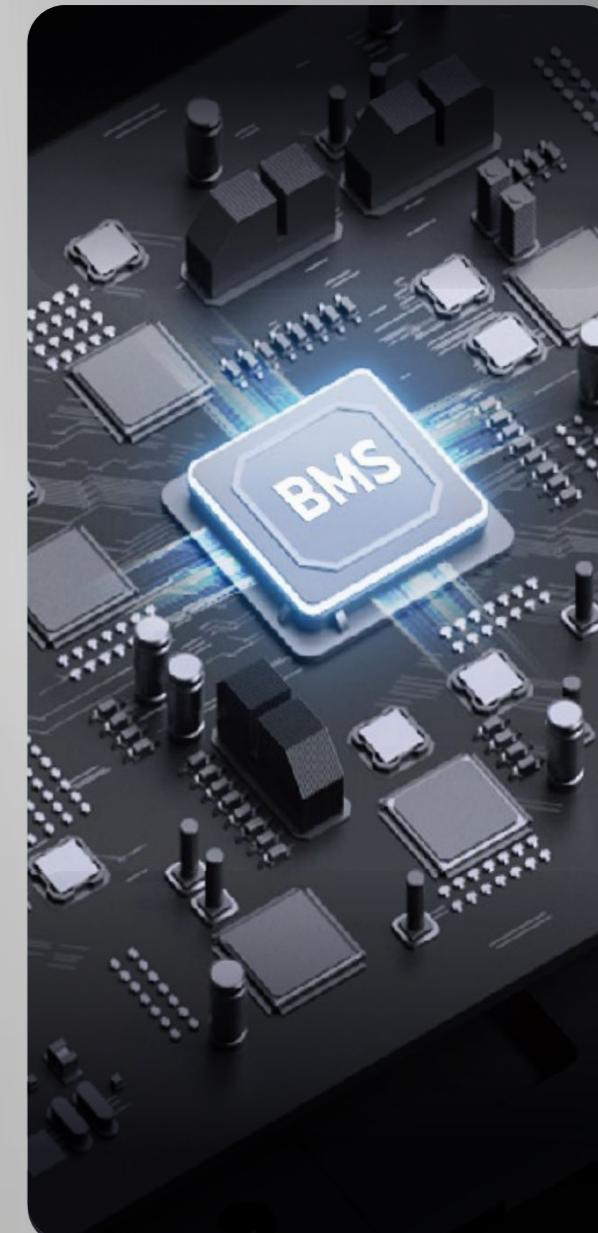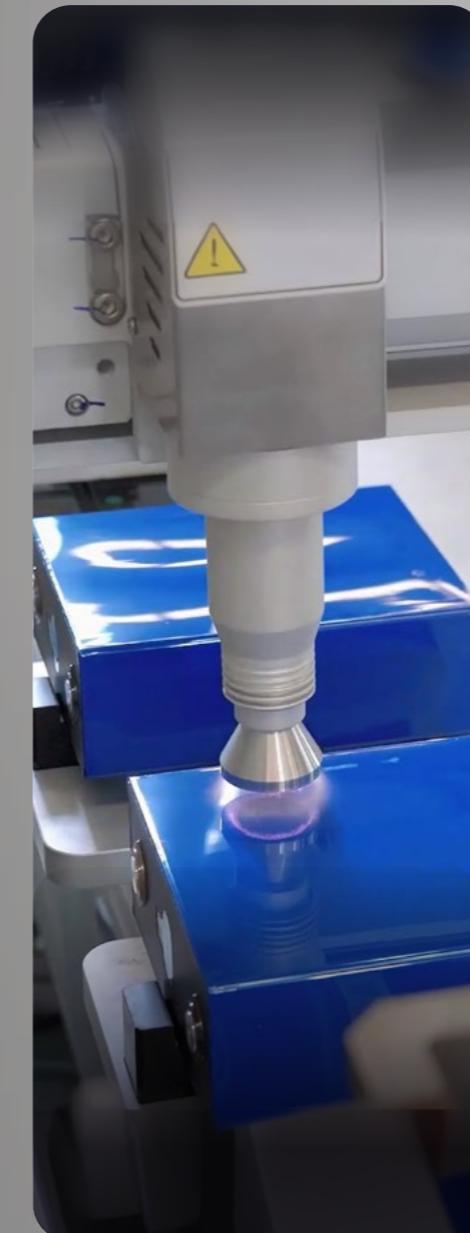
2 PRODUCT SOLUTION

Maximise ROI – Payback in as Fast as 3 Years

* Disclaimer: The calculation is based on PV generation and electricity price data from typical European regions over a specified period and is for reference only. The actual payback period is subject to the specific conditions of each project.

Optimise Investment

· All-in-one design: smaller footprint, higher capacity
· Hybrid coupling for optimal solar integration
· Simplified installation: pre-installed or stackable deployment with no on-site construction required

Reduce O&M Costs

· Cell-level active balancing – maximises usable capacity
· Smart thermal management – enhances system stability and extends lifespan
· Intelligent EMS – ensures reliable operation and lowers labour costs

Boost Energy Profits

· High system efficiency for maximum energy utilisation
· Multiple revenue streams: dynamic tariffs, energy trading, VPP-ready

FLEXIBLE EXPANSION

Indoor & Outdoor

Cell:	Power:	Capacity:
314 Ah	30 kW – 6.25 MW	60 kWh – 26.12 MWh
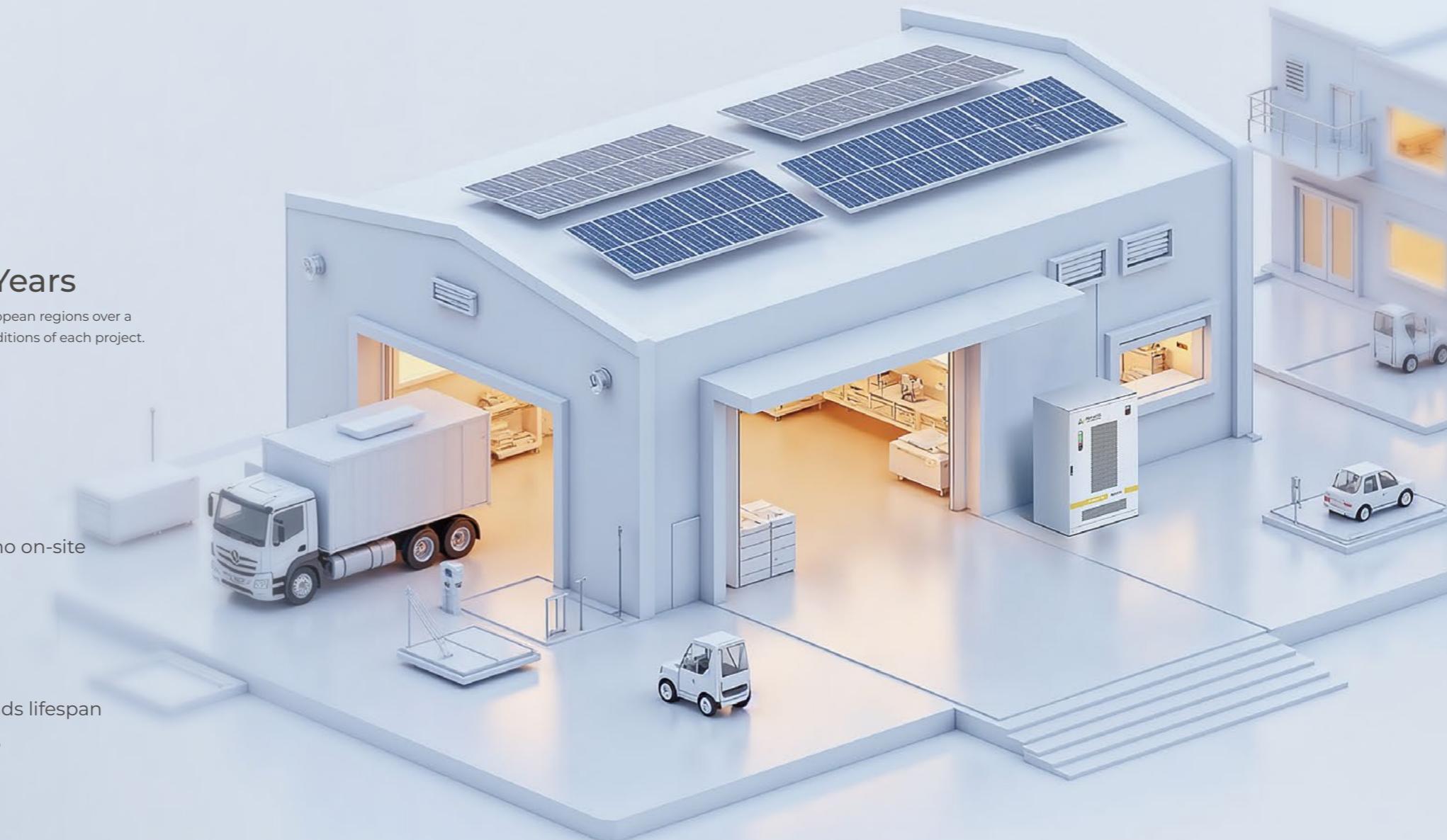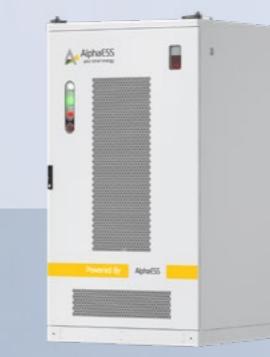
StaX-M30/M50　　　STORION-H30/H50-G3　　　STORION-LC-TB125

MULTI-LEVEL SAFETY

Protection from Cell to System

UL 9540A

*UL 9540A tested, meeting leading global safety standards

*No thermal propagation or deformation even above 800°C

Three-Level Fire Protection Design

Cell Level

Real-time cell temperature monitoring via BMS, automatic power cutoff in case of short circuits, and aerogel insulation for thermal protection

Module Level

Integrated aerosol fire suppression system

MSD for emergency physical isolation, ensuring maintenance safety

System Level

Temperature and smoke detectors, coordinated water/aerosol suppression, and explosion relief vents compliant with NFPA 68
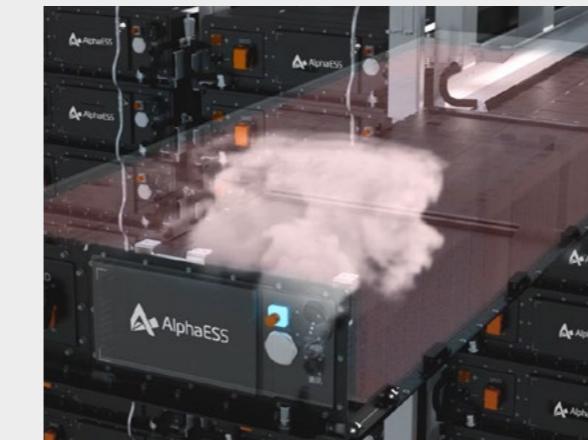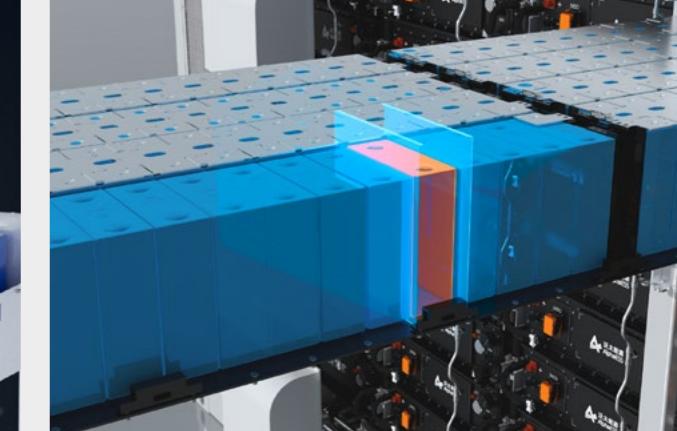
ON-GRID SCENARIO

In a stable grid environment, the AlphaESS STORION system maximises solar self-consumption and user revenue.

▶ **Self-Consumption**

Maximises the use of solar energy to meet load demands, with the surplus stored in batteries.

▶ **Peak Shaving**

Provides supplementary power when the load exceeds the grid's designed capacity or peak limit, bridging the power gap through the STORION system.

kW

— Without energy storage system
— With energy storage system

Charging from grid

Discharging

Charging from grid

12AM   12PM   12AM
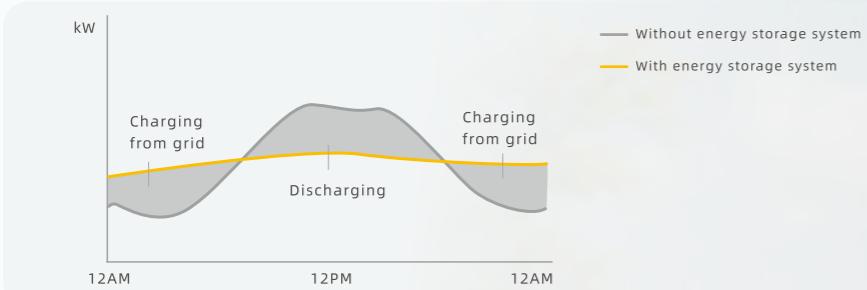
▶ **Dynamic Tariff**

Based on EPEX dynamic electricity prices, the system intelligently schedules charging when prices are low and discharging when prices are high, ensuring access to low-cost electricity at all times.

▶ **Imbalance Trading**

The STORION system supports participation in Imbalance Trading via Eniris (Modbus TCP) and the API platform, making full use of battery capacity to generate extra revenue and further optimise the system's ROI.

OFF-GRID SCENARIO

In microgrid and off-grid scenarios, the STORION system delivers continuous, reliable power
— paving a straightforward path to energy independence.

▶ **Reliable Backup**

Guarantees uninterrupted backup power for Essential Loads:

20ms On/Off-Grid
Switching

High Compatibility

400V (±20%), 50/60Hz (±5Hz)

▶ **Dual Power Supply**

The diesel generator and STORION system work together, with the EMS
controlling the generator's operation to ensure continuous and reliable power—
ideal for customers in off-grid areas.

STAX- M30/M50

StaX is a compact, modular commercial energy storage system designed for easy installation and flexible expansion. With silent, wiring-free operation and a stackable design, it delivers reliable power for small businesses—anytime, anywhere.

▶ **Fast Installation — Save Time & Cost**

- No foundation or crane needed for installation, saving you time, labor, and cost
- Stack-and-play setup—no battery rack or complex wiring required
- Compact modules designed for elevator transport and indoor installation

▶ **Modular & Stackable Design — Built for Flexibility**

- 12 kWh per module, allowing precise capacity matching for each unique project
- Expand capacity easily by stacking modules up to 216.9 kWh
- Mix new and existing modules to scale up for future needs

▶ **Comprehensive Safety**

- Cell-level thermal insulation prevents thermal propagation between cells
- Smart BMS with millisecond-level detection
- Integrated aerosol and pressure relief valves
- Meeting UL 9540A world-class thermal management standard

▶ **Smart Operation & Maintenance**

- Intelligent EMS optimizes charging, discharging, and energy usage
- Real-time monitoring via AlphaCloud platform & AlphaESS App
- UPS-level switchover (<10ms) ensures seamless power for critical loads
- 200% PV input design enhances solar efficiency and overall investment value
- Intelligent dynamic tariff scheduling and API connectivity for energy companies
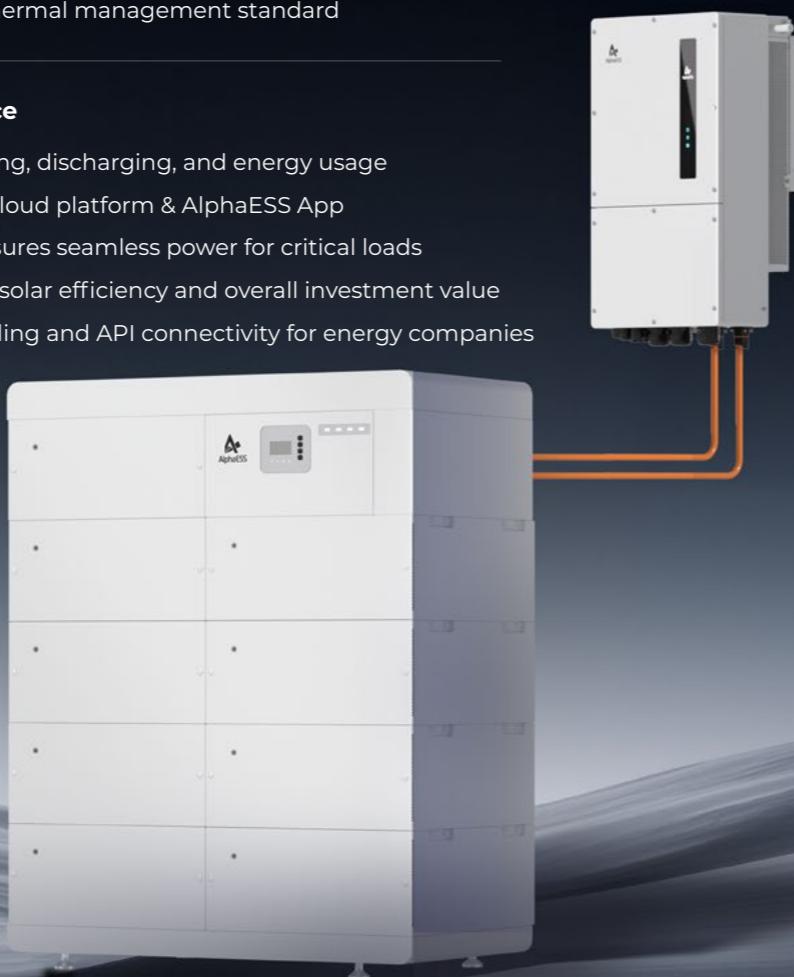
STAX-M30/M50

Model	StaX-M30	StaX-M50
System Specifications		
Nominal Output Power	30 kW	50 kW
System Capacity	60.25–216.9 kWh	
Ingress Protection	IP66	
Battery Chemistry	LFP (LiFePO4)	
Warranty	5 Years Product Warranty (10 years warranty optional),10 Years Battery Warranty	
PV Side		
Max. Input Power	60 kW	100 kW
Start-up Voltage	180 V	
MPPT Voltage Range	150–850 V	
Number of MPPTs	3	4
Number of Strings per MPPT	6	8
Max. Input Current	40 A × 3	40 A × 4
Max. Short-Circuit Current	60 A × 3	60 A × 4
AC Data (Grid)		
Nominal Output Power	30 kW	50 KW
Max. Output Apparent Power	30 kVA	50 kVA
Nominal Grid Voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V	
Nominal Grid Frequency	50 Hz / 60 Hz	
Max. Output Current	45.6 A	76 A
Power Factor	< 0.99 (0.8 Leading - 0.8 Lagging)	
Max. THD of Current	< 3%	
AC Data (Backup)		
Nominal Output Power	30 kW	50 KW
Max. Output Power	105% Continuous ; 160% for 2s	
Back-up Switching Time	< 10ms	
Nominal Output Frequency	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V	
Max. Output Current	45.6 A	76 A
Max. THD of Voltage	< 2%	
AC Data (Generator)		
Max. Input Power	30 kW	50 KW
Nominal Input Voltage	3/N/PE, 220 V / 380 V; 3/N/PE, 230 V / 400 V	
Nominal Input Frequency	50 Hz / 60 Hz	
Nominal Input Current	45.6 A	76 A
Efficiency		
Max. Efficiency	97.8%	
European Efficiency	97.4%	
Max. Charging/Discharging Efficiency	98.5%	
General Parameters		
Dimensions (W × D × H)	530 × 290 × 880 mm	
Weight	73 kg	
Operating Temperature Range	-25 – 60 ℃	
Operating Humidity Range	0 – 95%	
Noise Emission	62 dB	
Corrosion Protection Class	C5	
Compliance	IEC 62109, IEC 61000, VDE 4105, VDE 4110, TOR R25, G99, G100, EN 50549-1 & -10, C10/11, NC RfG	
Battery Technical Specifications		
Module Model	M38314-S	
Module Capacity	12.05 kWh	
Depth of Discharge (DoD)	95% (On-Grid); 90% (Off-Grid)	
Nominal Voltage	38.4 V	
Max. Charging/Discharging Current	157A*	
Operating Temperature Range	-20 ℃ – 50 ℃	
Cycle Life	8000 @ EOL 70% **	
Number of Battery Module	5 – 18***	
Dimensions (W × D × H)	550 × 615 × 250 mm	
Weight	90 kg	
Compliance	IEC 62619, IEC 62040, IEC 61000-6-1/-2/-3/-4, UL 9540A	

*   Max. charge/discharge current derating may occur with changes in temperature and SoC.
** Under specific test conditions.
*** Max. 12 battery modules per column, up to 2 columns.

STORION-H30/H50-G3

All-in-One Solution for Small Businesses

▶ **All-in-One Design**

The cabinet integrates PCS, batteries, DC/DC, STS, and EMS while occupying minimal space.
Lower installation cost: factory pre-assembled, with no additional on-site construction required.

▶ **Small Footprint, Big Energy**

Single cabinet: 120.5kWh in 1.5m²
With an expansion cabinet: up to 241kWh
2-hour or 4-hour applications

▶ **Flexible Configuration**

Supports DC-coupled, AC-coupled, or hybrid-coupled configurations
PV input: 4 × MPPT with 8 strings
150% PV oversizing for maximum solar utilisation

▶ **On-Grid Application**

Max. 10 systems in parallel: up to 500kW / 2.41MWh
Supports Modbus TCP and Cloud API for flexible integration with third-party EMS
Various modes: Self-Consumption, Peak Shaving, Power Rationing Support, Dynamic Tariff, Imbalance Trading (VPP Ready)

▶ **Off-Grid Application**

Max. 4 systems in parallel: up to 200kW / 964kWh
On/off-grid switching time ≤ 20ms
High compatibility: 400V (±20%), 50/60Hz (±5Hz)

STORION-H30/H50-G3

System Diagram
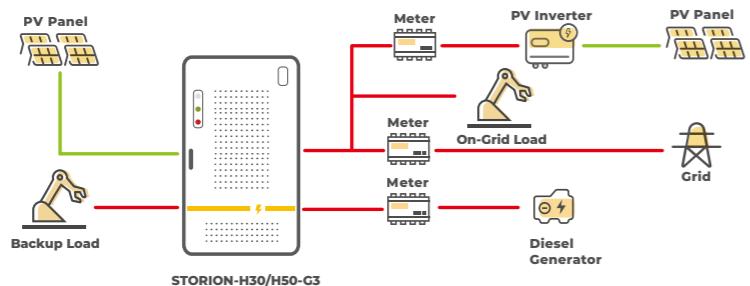
Model	STORION-H30-G3	STORION-H50-G3
System Technical Specifications		
System Capacity	72.3 kWh	120.5 kWh
Standard Battery Rack	1*	
Warranty	5 Years Product Warranty (10 years warranty optional),10 Years Battery Warranty	
PV Side (DC)		
Max. Input Power	60 kW	75 kW
Start-up Voltage	210 V	
MPPT Voltage Range	200 – 850 V	330 – 850 V
Number of MPPT	4	
Number of Strings per MPPT	2	
Max. Input Current	40 A / 40 A / 40 A / 40 A	
Max. Short-Circuit Current	50 A / 50 A / 50 A / 50 A	
AC Side (On-Grid)		
Nominal Output Power	30 kW	50 kW
Max. Input Apparent Power	60 kVA	80 kVA
Nominal Grid Voltage	3L / N / PE , 220 V / 380 V; 230 V / 400 V; 240 V / 415 V	
Nominal Grid Frequency	50 / 60 Hz (± 5 HZ)	
Max. Output Current	45.5 A	75.8 A
Max. THD of Current	< 3%	
AC Power Factor	0.8 (Leading) – 0.8 (Lagging)	
AC Side (Off-Grid)		
Nominal Output Power	30 kW	50 kW
Max. Output Apparent Power	30 kVA	50 kVA
Nominal Ouput Voltage	3L / N / PE , 220 V / 380 V; 230 V / 400 V; 240 V / 415 V	
Nominal Grid Frequency	50 / 60 Hz (± 5 HZ)	
Max. Output Current	45.5 A	75.8 A
Max. THD of Voltage	< 3%	
Overload	150%, 10 s	
Efficiency		
Max. Efficiency & European Efficiency	97.8% & 97.2%	
Round-Trip Efficiency (RTE) DC→AC	92%	
General Parameter		
Dimensions (W x D x H)	1,120 × 1,300 × 2,050 mm	
Battery Module Connection	3 in Series	5 in Series
Weight	1,700 kg (with 5×M77314-S)	
Corrosion Protection Class	C4	
Ingress Protection	IP55	
Noise Emission	≤ 65 dB @ 1m	
Operating Temperature Range	-30 °C – 50 °C(PCS > 45°C Derating)	
Operating Humidity Range	0% – 90% (No Condensation)	
Max. Operating Altitude	3,000 m / 9,842 ft (> 3,000 m Derating)	
Fire Protection System	Aerosol + Smoke / Temperature Detection	
Cooling Method	HVAC	
Communication	RS485, CAN, Ethernet, Modbus TCP	
Dispatching Protocol	Modbus TCP, API	
Compliance	IEC 61000-1/-2/-3/-4, IEC 62109, IEC 62477, EN 50549, VDE 4105, VDE 4110, AS/NZS 4777, NRS 097, NC RfG, G99, G100	

* Supports up to 2 battery racks (requires an expansion battery cabinet)

COMPONENTS

Model	
Battery Module	

Parameters

Model	M77314-S 0.5C
Battery Chemistry	LiFePO4
Pack Configuration	3.2 V / 314 Ah @ 1P24S
Internal Resistance	≤ 10 mΩ
Nominal Capacity	24.1 kWh
Nominal Voltage	76.8 V
Operating Voltage Range	69.6 V – 84 V
Max. Charging/Discharging Current	157 A
Cycle Life	8,000@EOL 70% **
Operating Ambient Temperature Range	-20 °C – 50 °C***
Ingress Protection	IP 20
Communication	CAN
Dimensions (W × D × H)	526 × 814 × 250 mm
Weight	168 kg
Compliance	IEC 61000-1/-2/-3/-4, IEC 62619, IEC 62109, IEC 61000, UL 9540A

Meter (Optional)

Model	DTSU666
Rated Voltage	230 V AC / 400 V AC
Accuracy Class	± 1%
Communication	RS485, Modbus RTU
Dimensions (W × D × H)	72 × 80 × 101 mm
CT Model	AKH-0.66
CT Current Ratio	400 / 5 A
CT Perforation Size	Φ 36 mm

Expansion Battery Cabinet (Optional)

Model	Extension Battery Cabinet
Battery	M77314 - S
Rack Capacity	72.3 kWh / 120.5 kWh
Max. Charging / Discharging Current	157 A
Battery Rack Voltage Range	208.8 ~ 252 V / 348 ~ 420 V
Number of Battery Module	3 / 5 in Series
Fire Protection System	Aerosol + Smoke / Temperature Detection
Dimensions (W × D × H)	1,120 × 1,300 × 2,050 mm
Weight	1,600 kg (with 5 × M77314 - S)

Parallel Backup Box (Optional)

Model	Parallel Backup Box
Max. Systems Connected	4
Nominal Power	200 kW
Nominal Current	400 A
Nominal Frequency	50/60 Hz
Switching Time	≤ 20 ms
Ingress Protection	IP54
Operating Ambient Temperature Range	-25 °C ~ 50 °C
Dimensions (W × D × H)	600 × 255 × 800 mm
Weight	40 kg

** Under specific test conditions.
*** Max. charge / discharge current derating may occur with changes in temperature and SoC.

STORION-LC-TB125

Pre-Assembled Liquid-Cooled BESS

The STORION-LC-TB125 is AlphaESS's first liquid-cooled all-in-one energy storage cabinet designed for commercial and industrial applications. It integrates battery modules, PCS, BMS, EMS, and more within a compact footprint of just 1.5 m².

Each unit delivers 125 kW power and 261 kWh capacity, scalable up to 50 units for larger projects. Featuring Active Balancing and powered by the EMS 5.0 platform, the system supports API and Modbus TCP communication for smart and flexible control in diverse applications such as peak shaving, microgrids, and self-consumption.

▶ **Plug & Play, Quick Deployment**

- Factory pre-assembled with PCS, EMS, BMS, battery modules, liquid cooling, and fire protection system
- 125 kW inverter, 261.2 kWh per cabinet, expandable to 522.4 kWh per system; supports up to 50 units in parallel

▶ **High Efficiency, Smarter Returns**

- Liquid-cooling and precision thermal control ensure superior stability, safety, and efficiency
- 90% system efficiency maximises energy utilisation and conversion
- Active balancing improves cell consistency, extends battery lifespan by 10%+, and is 23× more efficient than passive balancing
- Accelerated ROI: high performance and smart operation deliver returns in as fast as 3 years, supported by multiple revenue streams

▶ **Thermal Management, Intelligent O&M & Business Continuity**

- Smart Thermal Control System: continuously monitors cell temperatures and dynamically adjusts cooling
- EMS 5.0 Platform: supports API and Modbus TCP for intelligent and flexible system control
- Integrated Fault Diagnosis: built-in EMS tools enable accurate fault detection
- Multi-Platform O&M: simplifies customer management and boosts operational efficiency
- Seamless Backup (≤20ms): STS ensures instant on/off-grid switching for uninterrupted power to critical loads

STORION-LC-TB125

System Diagram

PV Panel
PV Inverter
Meter
On-Grid Load
Meter
Diesel Generator
Grid
Backup Load
STORION-LC-TB125

STORION-LC-TB125	
System Parameters	
Battery Chemistry	LiFePO4
Energy Capacity	261.2 kWh per Cabinet
Warranty	5 Years Product Warranty (10 years warranty optional),10 Years Battery Warranty
AC Side (On-Grid)	
Nominal Output Power	125 kW
Max. Output Apparent Power	137.5 kVA
Nominal Grid Voltage	400 V(±15%), 3L/N/PE
Nominal Grid Frequency	50 / 60 Hz (± 5 Hz)
Max. THD of Current	< 3 % (Nominal Power)
AC Power Factor	1.0 (Leading) – 1.0 (Lagging)
AC Side (Off-Grid)	
Nominal Output Power	125 kW
Nominal Voltage	400 V 3L / N / PE
Frequency	50 / 60 Hz
Overload	110% Continuous; 120% 1 min
Backup Switching Time (with STS Cabinet)	≤ 20ms
Max. THD of Voltage	< 3 % (Linear Power)
Efficiency	
Max. Efficiency	97%
System Efficiency (RTE)	90.6%
General Parameters	
Dimensions (W × D × H)	1003 × 1500 × 2482 mm *
Battery Modules Connection	5 Modules in Series
Weight	2.9 t *
Corrosion Protection Class	C4
Ingress Protection	IP 55
Noise Emission	< 70 dB @ 1m **
Operating Ambient Temperature Range	-20 °C – 50 °C (> 45 °C Derating)
Operating Humidity Range	0 – 95 % RH
Max. Operating Altitude	3000 m(> 2000 m Derating)
Fire Protection System	Aerosol (Pack & Rack)+ Sprinkler + Smoke / Temperature Detection
Communication	CAN, RS485, USB, LAN, Wi-Fi
Dispatching Protocol	Modbus TCP, API
Compliance	IEC 62477, IEC 61000, IEC 62109, IEC 61727,IEC 62116, EN 50549-1&2&10, VDE 4105/4110/4120, G99, TOR, C10/11

* Dimensions and weight do not include the STS cabinet.

** < 75dB @ 1m when the STS cabinet is installed.

CE IEC

Battery Cluster System

Item \ Data	STORION-LC-TB125
Battery Module	M166314-S
Battery Chemistry	LiFePO4
Pack Configuration	3.2 V / 314 Ah @ 1P52S
Internal Resistance	≤ 10 mΩ
Nominal Capacity	52.124 kWh
Rated Voltage	166.4 V
Operating Voltage Range	140.4 – 187.2 V
Rated Charing/Discharging Power	26.062 kW (0.5 C)
Cycle Life	8000 @ EOL 70% *
Operating Ambient Temperature Range	-30 °C – 55 °C **
Ingress Protection	IP 67
Communication	CAN
Dimensions (W × D × H)	810 × 1125.5 × 237.5 mm
Weight	333 kg
Compliance	IEC 62619, IEC 62477, IEC 61000, UL 9540A

Meter (Optional)

Model	DTSU666
Rated Voltage	230 V AC / 400 V AC
Accuracy Class	±1%
Communication	RS485, Modbus RTU
Dimensions (W×D×H)	72 × 80 × 101 mm
CT Model	AKH-0.66, K-30×20
CT Current Ratio	400 / 5 A
CT Perforation Size	32 × 22 mm

Expansion Battery Cabinet (Optional)

Model	STORION-LC261
Battery	M166314-S
Cluster Capacity	261.2 kWh per Cabinet
Rated Charging/Discharging Power	130.6 kW (0.5C)
Battery Cluster Voltage Range	702 ~ 936 V
Battery Rack	5 Modules in Series
Fire Protection System	Aerosol (Pack & Rack)+ Sprinkler + Smoke / Temperature Detection
Dimensions (W×D×H)	1003 × 1500 × 2482 mm
Weight	2.7 t

STS (Optional)

Model	ALPSTS-300-O
Nominal Power	300 kW
Nominal Frequency	50 / 60 Hz
On/Off-Grid Switching Time	≤ 20 ms
Weight	~ 120 kg
Dimension (W × D × H)	473 × 752 × 1080 mm
Max. Operating Altitude	3000 m (> 2000 m Derating)
Ingress Protection	IP 55
Corrosion Protection Class	C4

*Under specific test conditions.
**Max. charge/discharge current derating may occur with changes in temperature and SoC.

CE IEC

3

ALPHACLOUD & EMS

▶ **Monitoring**

- 10-second real-time data updates with automatic self-test and fault warnings to predict anomalies and reduce labour costs
- Enhanced multi-level monitoring for core system data
- Group and batch management functions to improve operation and maintenance efficiency

▶ **Security**

- Communication encryption and EU-based data centres ensure strong cybersecurity
- End-to-end data protection safeguards every transmission

▶ **Visualisation**

- Provides BI dashboard and detailed analytics for actionable business insights

▶ **Adaptiveness**

- Customised control strategies support Self-Consumption, Time-Based Control, Peak Shaving, Power Rationing Support, SOC Balancing, Power Backup, and Dual Power Supply
- Supports Modbus TCP and API integration

▶ **Intelligence**

- Cloud platform enables remote diagnostics, EMS upgrades, and multi-platform integration
- AI-driven dynamic tariff scheduling with PV forecasting
- VPP-ready

4 AFTER-SALES SERVICE

10th Sinds 2015 · IN EUROPA

Reliable Local Support

- Local engineer teams across Europe
- Quick on-site response through regional dispatch
- Local spare parts warehousing ensures faster repairs

24/7 Protection & Professional Support

- Pevents issues and ensures uptime
- Emergency support available in English, German, Dutch, Italian, etc.
- Regular system check-ups and performance evaluations

Easy & Transparent Service Process

- Intelligent dispatch platform with automatic job assignment
- Real-time tracking of service progress
- Clear procedures from start to finish, with archived service records and customer feedback tracking

Training & Empowerment for Installers

- Local training centres + online training support
- Complete installer toolkits: manuals, commissioning guides, FAQs
- Project initiation support and on-site installation assistance

Standardised Service for Consistent Experience

- Fully standardised service protocols across regions
- Committed service response time guarantees
- Unified technical acceptance criteria for quality assurance

A DECADE OF LOCAL COMMITMENT

For over a decade, AlphaESS has built a reliable and responsive ecosystem across Europe — not just selling products, but delivering service with accountability and local insight.

- Established Technical Service Centres in Europe
- Local Engineering Teams familiar with regional regulations and customer expectations
- Continuous Optimisation of service models to align with European market feedback
- 10 Years of Proven Performance, empowering local partners and users with dependable solutions
- Long-Term Investments in local warehousing, training hubs, and tech support resources

10 YEARS IN EUROPE

Served over **90,000** households and C&I users	Installed Power over **800 MW**	Installed Capacity over **1.2 GWh**

5
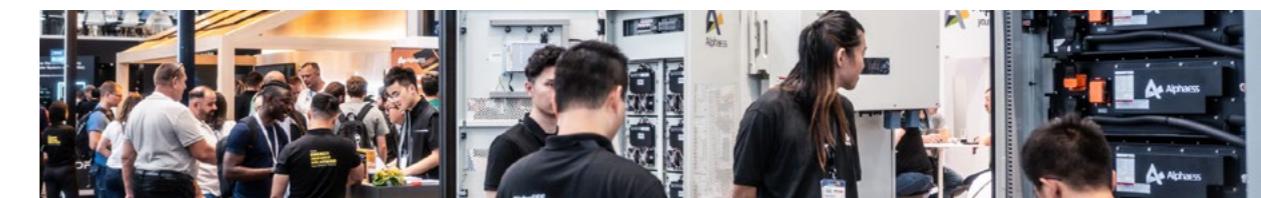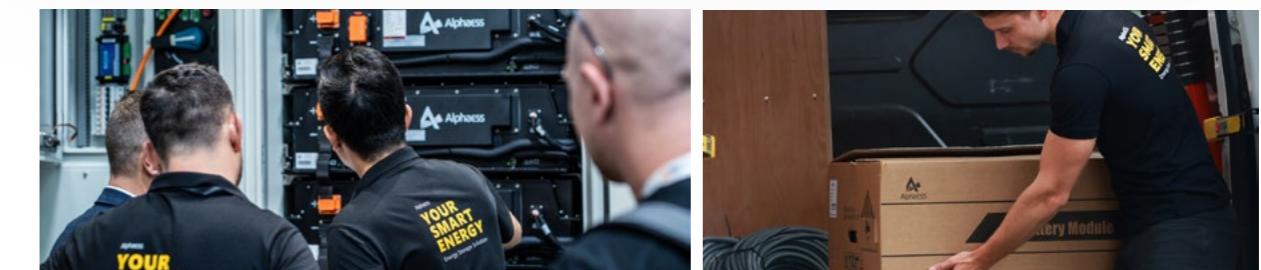
GIOBAL CASES

Unlock the Potential of C&l Energy Systems

50kW / 136kWh

PV + STORAGE   I   SOMERSET, UNITED KINGDOM

50 kW / 51 kWh

PV + STORAGE   I   WOLFSBERG, AUSTRIA

50kW/100kW & 100kWh-300kWh

SOLAR-BATTERY-DIESEL MICROGRID SYSTEM I ASIA

2MW / 4MWh

PV + STORAGE   I   LITHUANIA

140MW / 280MWh + 80MW / 160MWh

PEAK SHAVING AND FREQUENCY REGULATION   I   CHINA

500 kW / 1 MWh

PV + STORAGE + GENSET   I   AFRICA