



Veloris.

The Battery Partner.

VELORIS ENERGY STORAGE SOLUTIONS PORTFOLIO

**Commercial • Industrial • Micro-
grid • Utility Scale**

JUNE 2026

POWERING PROCESS TOGETHER

Delivering energy with certainty

Veloris connects manufacturers with installers, EPC contractors, developers and end users across Europe.

As one of Europe's largest independent battery distribution networks, we combine market-leading technology, local expertise and dependable supply chains to help customers deploy energy storage with confidence.



INDEPENDENT TECHNOLOGY PARTNER

No manufacturer bias. Your success is our only focus.



ACCESS TO LEADING BATTERY MANUFACTURERS

Partnerships with the world's leading battery brands, including CNTE, EVE Energy and Pylontech.



LOCAL EXPERTISE

Engineering and application know-how close to you.



EUROPEAN DISTRIBUTION NETWORK

Extensive stock, fast delivery and reliable supply.



LIFECYCLE SERVICE & SUPPORT

From design to end-of-life and everything in between.



22

**DISTRIBUTION
CENTRES**



3.5M+

**BATTERIES DIS-
TRIBUTED ANNU-
ALLY**



75+

**YEARS OF INDUS-
TRY EXPERIENCE**

WHY ENERGY STORAGE?

The energy landscape is changing

Business face increasing pressure from rising energy costs, electrification, grid congestion and sustainability targets.

Battery Energy Storage Systems help organizations gain greater control over energy, costs and continuity.

KEY APPLICATIONS

REDUCE COSTS

- Peak Shaving: reduce peak demand charges and optimise energy costs.
- Energy Arbitrage: store energy when prices are low and discharge during high-price periods.
- Solar Self-Consumption: maximise the value of onsite renewable generation.

INCREASE RESILIENCE

- Backup Power: maintain critical operations during outages, grid disturbances and power quality events.
- EV Charging Support: Enable high-power EV charging while minimising grid impact.

ENABLE GROWTH

- Grid Congestion Relief: overcome grid constraints and support future electrification projects.

CURRENT MARKET CHALLENGES



**RISING ENERGY
PRICES**



**GRID CON-
GESTION**



**INCREASING
ELECTRIFICATION**



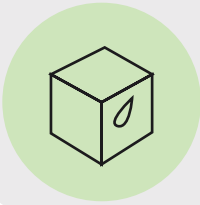
SUSTAINABILITY



**BACKUP
POWER**

WHY VELORIS?

A dynamic energy storage ecosystem built on independence, expertise and long-term partnerships.



PRODUCT

Access to proven ESS technologies. Veloris offers a carefully selected portfolio of commercial, industrial, microgrid and utility-scale energy storage solutions from leading global manufacturers.



PEOPLE

Dedicated local specialists and engineers. Our experienced teams support customers throughout the entire project lifecycle, from solution design to commissioning and after-sales support.



LOCAL STOCK

Fast delivery from European stock, thanks to Veloris' European distribution network. Custom and project-specific solutions remain subject to project planning and manufacturing schedules.



NETWORK

European coverage with local support. A strong European footprint enables local expertise, regional support and efficient logistics across multiple markets.



INDEPENDENCE

Technology-neutral advice, focused on the customer's needs. As an independent battery specialist, Veloris recommends the best-fit solution: not a single manufacturer.



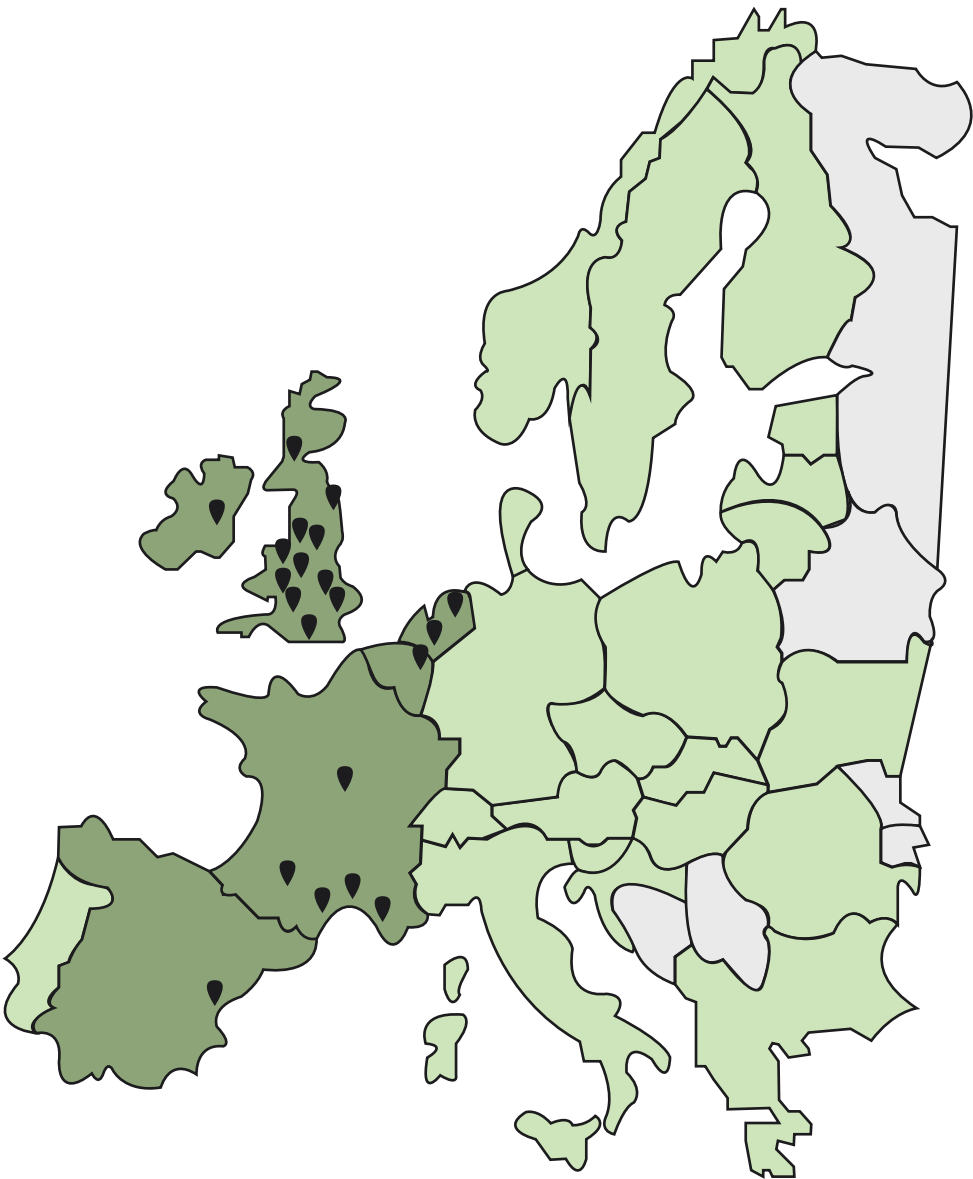
Our independence is your confidence.

Delivering energy with certainty.

EUROPEAN COVERAGE

Supplying energy everywhere

One network. Local expertise.
Reliable supply across Europe.



BENELUX 
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Supporting projects across Belgium, the Netherlands and Luxemburg.

FRANCE 
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Supporting C&I and utility-scale energy storage projects.

SPAIN 
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Supporting renewable energy and storage projects across Iberia.

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Germany • Austria • Switzerland • Italy • Greece • Scandinavia • Poland • Baltics

Supporting energy storage projects throughout Central, Southern, Northern and Eastern Europe.



22

DISTRIBUTION CENTRES



3.5M+

BATTERIES DISTRIBUTED ANNUALLY



75+

YEARS OF INDUSTRY EXPERIENCE

PRODUCT OVERVIEW

Comprehensive solutions for every storage application

COMMERCIAL & INDUSTRIAL ESS

PRODUCT	PEAK SHAVING	ENERGY ARBITRAGE	SOLAR SELF-CON-SUMPTION	BACKUP POWER	EV CHARGING SUPPORT	GRID CON-GESTION RELIEF	MICROGRID/OFF-GRID	UTILITY
STAR H-232	●	●	●	●	●	●		
STAR H-PLUS	●	●	●	●	●	●		
STAR H-MAX	●	●	●	●	●	●		●
EVE 261	●	●	●	●	●	●		
PYLONTECH L260-OMNI	●	●	●	●	●	●	●	

HYBRID MICROGRID SOLUTIONS

PRODUCT	PEAK SHAVING	ENERGY ARBITRAGE	SOLAR SELF-CON-SUMPTION	BACKUP POWER	EV CHARGING SUPPORT	GRID CON-GESTION RELIEF	MICROGRID/OFF-GRID	UTILITY
STAR Q		●	●	●			●	
STAR Q-PLUS		●	●	●			●	

UTILITY SCALE ESS

PRODUCT	PEAK SHAVING	ENERGY ARBITRAGE	SOLAR SELF-CON-SUMPTION	BACKUP POWER	EV CHARGING SUPPORT	GRID CON-GESTION RELIEF	MICROGRID/OFF-GRID	UTILITY
STAR X		●	●			●		●



Delivering safe, reliable and sustainable energy solutions for a better future



ABOUT CNTE

WHO IS CNTE?



Energy Storage Specialist

CNTE is a global leader in energy storage system solutions, committed to accelerating the transition to a sustainable future.



Backed by CATL

CNTE is backed by CATL, the world's leading new energy technology company.



Innovative & Reliable

We deliver high-quality, innovative and reliable energy storage products with the highest safety standards.



Global Presence

With a strong global footprint, over 2.6GWh ESS projects successfully deployed across Europe. Germany warehouse provide fast delivery.



Customer Focused

We build long-term partnerships by delivering exceptional value and support to our customers.

OUR CAPABILITIES

WHAT DOES CNTE DO?



Full Scenarios Solution Provider

We design, manufacture and deliver advanced battery energy storage systems (BESS) for utility-scale, commercial & industrial and microgrid applications.



Turnkey Projects

CNTE provides integrated turnkey solutions including system design, engineering, supply, installation support and commissioning.



Smart Energy Management

Our intelligent energy management system optimize performance, improve efficiency and maximize the value of energy assets.



After-Sales Service

7*24H Service / Germany local service center
5+ Category Training Courses
10+ Professional Engineers



Drive a Sustainable Future

CNTE is dedicated to creating clean, efficient and sustainable energy solutions that benefit our planet

STAR H-232 ^(DE)

- All-in-One Cabinet
- CATL LFP 280Ah
- 115kW | 232kWh



Flexible Application

All-in-One Design
Plug-and-Play
Zero-Gap Parallel Connection

Accurate Liquid Cooling

Temperature Difference $\leq 3^{\circ}\text{C}$
Extend Battery Lifespan

Ultimate Safety

3+2+2 Safety Protection
Precision Fire Alarm Position
Real Time Insulation Monitoring

Intelligent Power Management

EMS Ensures System Safety
Cloud Platform Monitors Status





PRODUCT MODEL	STAR H-232
BATTERY SPECIFICATIONS	
Battery Type	LFP
Battery Model	280Ah
Energy Capacity	232kWh
Voltage Range	728 ~ 936VDC
P-rate	0.5P
Certifications	UN 38.3, UN 3480, UL 9540A, IEC 62619, IEC 61000-6-2/-4, IEC 62477-1, IEC 63056
PCS SPECIFICATIONS	
Rated AC Power	115kW (125kW derated for use)
Rated Grid Voltage	400Vac
Total Harmonic Distortion	<3%
Rated Grid Frequency	50/60Hz
Peak Efficiency	98%
Power Factor	-1 to 1, continuously adjustable
Certifications	EN50549, VDE-AR-N 4105, VDE-AR-N 4110, IEC62477, IEC61000-6-2, IEC61000-6-4
GENERAL SPECIFICATIONS	
Cooling Method	Cell: Liquid Cooling PCS: Air Cooling
Operating Temperature Range	-25 ~ 55 °C (>45°C derating)
Relative Humidity Range	0 ~ 95% (No Condensation)
Max. Working Altitude	4000m (>2000m derating)
Fire Safety Equipment	Aerosol, Smoke detector, Heat detector, Flammable gas detector (optional), Deflagration venting pannel (optional)
Battery Compartment Ingress Protection	IP65
System Dimensions (W×D×H)	≈1500×1300×2050mm
Weight	≈2.6T

* If there are any changes in product size and parameters, please refer to the latest information.



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STAR H-PLUS

Outdoor All-in-One Liquid-Cooled ESS

- Frequency Regulation
- One-Touch Power On/Off
- 5-min Maintenance
- 13 European Countries Grid-Code

125kW | 254kWh



- **<200 ms Ultra-fast Response**
Grid frequency regulation
On/off-grid switching
Microgrid applications
- **5-min Commissioning**
Fast system setup via Mini APP
- **CATL LFP Cells (306 Ah)**
Cycle life >10,000 cycles
- **All-in-One Design**
Up to 10 Units Used in Parallel
- **AI Full-scenario Thermal Management**
Stable operation in extreme heat and cold
- **5-min Instant Access & Maintenance**
Independent power distribution cabin
Quick-connect electrical connector
Direct access to critical parts
- **83.6 kWh/m³**
Ultra-high energy density
- **24/7 System Safety Diagnostics**
Cloud-based Intelligent Monitoring



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STAR H-PLUS	
Battery Parameters	
Cell Type	LFP
Cell Capacity	306 Ah
Nominal Energy	254.59 kWh
Cooling Method	Liquid
Battery Pack IP Level	IP67
AC Parameters	
Nominal Power	125 kW
Nominal Grid Voltage	380 Vac / 400 Vac
Nominal Grid Frequency	50 Hz
DC Parameters	
Nominal Voltage	832 Vdc
Voltage Range	728 Vdc to 936 Vdc
System Parameters	
Temperature	-25°C to 55°C(> 45°C derating)
Humidity	≤95% RH, Non-condensing
Altitude	≤4000m(> 2000m derating)
IP Level	IP55
Dimensions (W × D × H)	1000 × 1450 × 2100 mm
Weight	≈2.4T
Communication Method	Ethernet

Statement: The final right of interpretation of this product information belongs to CNTE. Product parameters, functional descriptions and appearance designs may be adjusted due to the iterative upgrade of the product without prior notice. Please refer to the latest official release information.



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STAR H-MAX

Outdoor All-in-One Liquid-Cooled ESS

220kW / 440kWh

CATL Original PACK



High Performance Battery

CATL Original PACK

LFP 530Ah | 1P52S

Ultimate Energy Density of Industry

101.03 kWh/m³ | 2.03m²

Easier for Grid Connection

400V LV AC side

Transformer-free

Flexible Combination:

H-MAX and H-PLUS



Two Rated Modes

Supports 0.5P for high power output and 0.25P for energy priority



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STAR H-MAX Product Specifications



STAR H-MAX	
Battery Parameters	
Cell Type	LFP
Cell Capacity	530 Ah
Nominal Energy	440.96 kWh
Cooling Method	Liquid cooling
Max. Charge/Discharge Rate	0.5P/0.5P
AC Parameters	
Rated Power	220 kW
Rated Voltage	380 Vac / 400 Vac
Rated Frequency	50 Hz
DC Parameters	
Rated Voltage	832 Vdc
Voltage Range	728 Vdc ~ 936 Vdc
System Parameters	
Temperature	-25°C ~ 55°C(> 45°C derating)
Humidity	0~95%, Non-condensing
Altitude	≤4000m(> 2000m derating)
IP Level	IP55
Dimensions (W × D × H)	1400*1450*2150mm
Weight	~4500kg
Communication	Ethernet

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One Cabinet , One Micro-Grid

STAR Q | 50kW/109kWh

PV+Diesel Generator

All-in-One

On/Off-Grid Operation



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STAR Q Product Specifications



PRODUCT MODEL	STAR Q
BATTERY SPECIFICATIONS	
Battery Type	LFP
Battery Model	306Ah
Energy Capacity	109kWh
Cycle Life (@25°C, 0.5P)	≥10000
P-rate	≤0.5P
Battery Compartment Ingress Protection	IP67
COMMUNICATION (ON/OFF-GRID)	
Rated output power	50kW
Rated Input Voltage (3/N/PE)	380/400Vac
Rated Frequency	50/60Hz
THDi	< 3%
THDu	< 3%
PV INPUT	
MPPT Voltage Range	150 ~ 850Vdc
Maximun Input Power of PV	96kW
MPPT channels/Strings per MPPT channel	4/2
Max Input Current	40/40/40/40A
GENERAL SPECIFICATIONS	
On/Off-Grid Switching Time	< 20ms
Cooling Method	Air Cooling
Operating Temperature Range	-25 ~ 55°C
Relative Humidity	0 ~ 95% (Non-condensation)
Operating Altitude	≤4000m (> 2000m derating)
Ingress Protection	IP54
Dimension (W×D×H)	1272×1356.8×2070mm
Weight	≈1.8T
Compliance	EN 50549-1, EN50549-10, VDE-AR-N 4105, NRS 097-2-1, IEC 61000, IEC 62477, IEC 62619, IEC62109, UN38.3



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STAR Q-PLUS

PV-ESS-Diesel All-in-One System

- 125kW | 250kWh
- CATL 306Ah LFP Battery Cells
- On/Off-Grid Operation



PV

+



ESS

+



Diesel Generator

One-Button Start/Stop

Independent Power Box, Quick Connector

All-in-One Design, Easy Installation

250kW High Capacity

CATL 306Ah LFP Cell

Solis 125kW Hybrid Inverter

< 10ms Auto On/Off-Grid Switch

10min Rapid Maintenance

Supports Back-to-Back Placement

Maintenance-Free for Lifecycle

Innovative Fanless Design

IP67 Battery Pack

Real-Time APP Monitoring

Intelligent Data Collection

Full-Period Leakage Current Detection



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	STAR Q-PLUS
Battery Parameters	
Cell Type	LFP
Cell Capacity	306Ah
Nominal Energy	250.67kWh
Max. Charge/Discharge Rate	0.5P/0.5P
Battery Pack IP Level	IP67
Cooling Method	Air Cooling
AC Parameters	
Nominal Power	125kW
Nominal Grid Voltage	380Vac/400Vac
Nominal Grid Frequency	50Hz
PV Input	
MPPT Voltage Range	150 ~ 950Vdc
Max.PV Input Power	240kW
MPPT Channels/Max. Number of Input Channels	10/20
Max.PV Input Current	10*42A
System Parameters	
Operating Temperature	-25 ~55°C (> 45°C Derating)
Humidity	0-95%, non-condensing
Altitude	≤ 4000m (> 2000m Derating)
IP Level	IP55
Dimensions(W*D*H)	1547*1440*2360mm
On-Off Grid Switching Time	< 10ms

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STAR X

All-in-One Liquid-Cooled Containerized Utility-scale ESS

CATL Original Pack
2800kW/5644kWh



CATL Original Battery Pack

- LFP **530Ah** | Cycle Life $\geq 10,000$ Cycles

Per-Cluster Independent Control

- $\geq 99\%$ System Availability
- **6%** Increase in Discharge Capacity
- **5%** Increase in Expected System Lifetime

Fast Installation, Intuitive Operation

- Factory-preinstalled and Pre-commissioned
- One-Touch Start-Up and Shutdown

Liquid-Cooled Grid-Forming PCS

- Modular Design with Enhanced Protection

Flexible Deployment Options

- **0.5P** and **0.25P** Configurations Available
- Scalable from **1MW/2MWh** to **2.8MW/5.6MWh**
- Transport-friendly with Rack-count Scaling

AI-Powered Predictive Maintenance

- Accurate Prediction of Remaining Useful Life
- Up to **90%** Faster Fault Diagnosis for Reduced Downtime



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STAR X Product Specifications



STAR X	
Battery Parameters	
Cell Type	LFP
Cell Capacity	530 Ah
Nominal Energy	5644 kWh
Charge/Discharge Rate	0.5P/0.5P
AC Parameters	
Rated Power	2800 kW
Rated Voltage	690 Vac
Rated Frequency	50 Hz
DC Parameters	
Rated Voltage	1331 Vdc
Voltage Range	1165 ~ 1497 Vdc
System Parameters	
Cooling Method	Liquid Cooling
Temperature	-30°C ~ 55°C(> 45°C derating)
Humidity	0~95%, Non-condensing
Altitude	≤ 4000m(> 2000m derating)
IP Level	IP55
Dimensions (W × D × H)	6058*2438*2896mm
Weight	< 45 t
Communication	Ethernet

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Powering the future of energy storage



EVE Energy is a global leading lithium-ion battery manufacturer and trusted partner for energy storage projects worldwide. Through vertically integrated production, advanced R&D and intelligent manufacturing, EVE delivers reliable energy storage solutions for utility-scale, C&I applications.

WHO IS EVE?



Fully vertically integrated

EVE develops and manufactures its own LFP battery cells while also designing complete energy storage systems. This ensures optimal performance, quality control and long-term reliability.



Global manufacturing leader

Founded in 2001, EVE operates multiple international production facilities and serves customers worldwide through a growing global footprint.



Proven innovation

Decades of R&D expertise drive continuous improvements in battery performance, safety, energy density and system longevity.



Certified & trusted

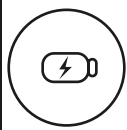
EVE products comply with major international grid and safety certifications, supporting C&I and utility-scale projects across global markets.



Long-term partner

With full lifecycle support, technical consultation, performance warranties and localized after-sales services, EVE builds lasting partnerships with customers worldwide.

WHAT DOES EVE DO?



Energy storage solutions

Development and delivery of high-performance lithium-ion cells and complete energy storage systems for C&I and utility-scale applications.



All-in-one storage cabinets

Standard and semi-customized AIO cabinet solutions designed to meet diverse project requirements and site conditions.



Global service & support

Professional technical consulting, performance testing, commissioning support and localized after-sales service worldwide.



Long-life LFP technology

Advanced lithium iron phosphate cell technology offering excellent safety, stability and long cycle life.



Utility & C&I projects

Supporting grid-scale, C&I energy storage installations across Europe and international markets.



Future-focused development

Continuous innovation in products, manufacturing and localized European operations to support the global energy transition.

261kWh Outdoor Integrated Cabinet

Multidimensional Safety | High Efficiency & Economy | Full-Scene Adaptability



Note: Product color, shape, interface and functions are for reference only. The actual product may vary.

Multidimensional Safety

- Cell-intrinsic safety certified by IEC/UL9540A prevents thermal runaway propagation.
- Integrated PCS and HV box design optimizes high-voltage circuits to eliminate terminal overheating risks.
- Aerospace-grade aerosol (1s response) plus water fire suppression provide dual redundancy meeting NFPA855 requirements.

High Efficiency & Economy

- Proprietary high-efficiency 314Ah cells deliver superior system energy density.
- Vertical single-row structural design, reducing the footprint by more than 20%.
- IP65 liquid-cooled PCS ensures reliability with 90%+ system efficiency.
- Suspension-type power cabinets enable five-unit parallel operation and station grouping, saving busbar space.

Full-Scene Adaptability

- Integrated vertical single-row structure supports plug-and-play deployment and multi-cabinet flexible expansion.
- IP55 + C5H corrosion resistance withstands harsh environments including salt mist and high humidity.
- Precise compliance with US/EU/AU standards ensures full market-specific requirements fulfillment.

Product Parameter

Cell

Item	Specification
Cell Model	MB31
Nominal Capacity	314Ah
Dimension(D*W*H)	72*174*207mm
Weight	5600±300g
Energy Density	179 Wh/kg
Rated Voltage	3.2V
Voltage Range	2.5V~3.65V

Module

Item	Specification
Module	P531H202
Dimension(D*W*H)	1160*780*240 mm
Weight	345±5 kg
Configuration	1P52S
Rated Energy	52.25kWh
Rated Voltage	130V~189.8V
Voltage Range	166.4V
Standard Charging and Discharging Rate	0.5P
Level of Protection	IP67
Thermal Management	Liquid Cooling and Heating
Certification	UN38.3, UL9540A

System

Item	Specification
Number of Module	5
Dimension(D*W*H)	1420*1000*2250mm
Weight	~2720kg
Configuration	1P260S
Rated Energy	261kWh
Rated Voltage	DC 832V
Voltage Range	DC 728~949V
Standard Charging and Discharging Rate	±0.5P
Operating Temperature Range	-20~55°C
Level of Protection	IP55
Thermal Management	Liquid Cooling and Heating
Fire Suppression System	Cabinet-level space fire suppression with external water-based backup
Anticorrosion Grade	C5H
PCS Power	125KW
AC-Side Voltage	400/480V
Off-Grid Operation	Support

Note: The above data are from EVE Laboratory



Reliable energy storage for a sustainable future

Pylontech provides safe, reliable and high-quality lithium energy storage solutions worldwide for residential, C&I and utility-scale applications

WHO IS PYLONTECH?



Global leader in energy storage

Pylontech is one of the world's leading suppliers of battery energy storage systems.



Fully integrated manufacturer

In-house development and production of battery cells, modules, BMS, EMS and complete energy storage systems.



International presence

More than 2 million ESS systems have been delivered to more than 90 countries.



More than 16 years of experience

Specializing in battery energy storage for residential, commercial and industrial applications for over 16 years.



Proven quality

Known for safe, reliable and scalable LiFePO4 solutions with a long service life.

WHAT DOES PYLONTECH DO?



Residential energy storage

Smart home batteries for maximum self-consumption, backup power and energy savings.



Commercial & Industrial ESS

Solutions for peak load management, energy cost reduction and grid optimization.



Utility-scale storage

Large-scale energy storage for grid support and the integration of renewable energy.



Smart energy management

Advanced monitoring and management systems for optimal performance and maximum yield.



Scalable solutions

Modular systems that can easily scale to meet the customer's energy needs.

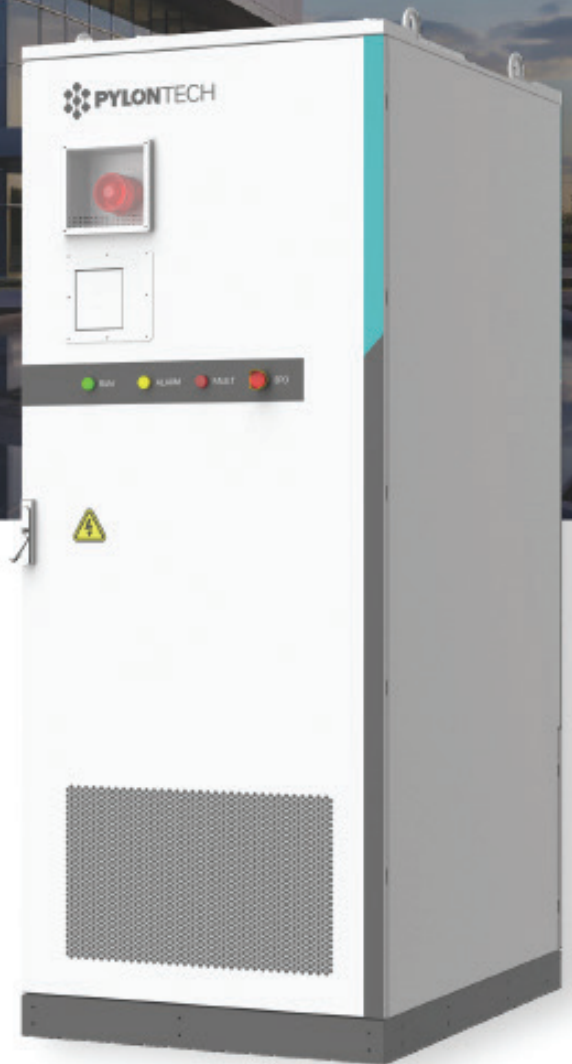


Sustainable energy future

Supports households and businesses in their transition to a sustainable and energy-independent future.

OPTIM US L260-OMNI

M7-1000V-125kW/260kWh



260~1560kWh



125~750kW



0.5C



400Vac



PCS Integrated



Superior Safety



Extraordinary Performance



Easy Set-up & Maintenance



**Wide Temp
Range**



**Ancillary
Service**



**Electricity
Arbitrage**



**Demand
Response**



Backup

L260-OMNI

OPTIM US / L260-OMNI

General Data		M7-1000V-125kW/260kWh
Dimension (W*D*H mm,w/o inverter)	950*1300*2480	
Weight (tons)	2.9	
Working Temperature Range (°C)	-25-50*	
Protection Class	IP55	
Altitude (m)	≤3000	
Humidity	5%-95%	
Fire extinguishing	Aerosol	
Cooling System	Liquid Cooling	
Cooling system consumption (kW, Cooling/Heating)	2.56	
Aux. Power Consumption (kW, continuous/peak, incl. HVAC)	2.7/3.85	
Max.parallel No.	6	
Anti-corrosion	C3 (C5 Optional)	
Certification*	IEC62619/IEC62040-1/CE/VDE2510-50/UL1973/UL9540A CE EMC/CE LVD/EN 50549-1: 2019/EN 50549-2: 2019/IEC 61000-6-2/IEC 62477-1	

Battery Data	
Battery Type	Li-ion (LFP)
Nominal Capacity (kWh)	260
Depth of Discharge	98% (single string)
Cycle Life	>8500
DC Voltage Range (Vdc)	702-936 (single string)
Max. /Continuous Operation Current (A)	200/157
Round-trip Efficiency@ 0.5C-rate	>95%
PCS DC/AC Data On-grid Mode	
Rated AC Power (kW)	125
Rated AC Output Voltage (Vac)	400
Rated AC Output Frequency (Hz)	50
Max AC Current (A)	181
Overload Capacity	110%
AC PF	1.0 (Lagging)~1.0 (Leading)
CEC Efficiency	98%
Isolation Type	Non-isolation

Operation Mode	
Communication Type	Ethernet (Modbus TCP)
Operation Logic	Wide Temp Range/Ancillary Service/Electricity Arbitrage/Demand Response/Backup

*Degration at temperatures below 10°C or above 40°C

*Partial application in progress

		Inverter in KW						Min. configuration Optional configuration Standard configuration
Inverter Type		125kW						
Inverter QTY		1	2	3	4	5	6	
Cabinet QTY	kW	125	250	375	500	625	750	
L260-OMNI	1	260						
	2	520						
	3	780						
	4	1040						
	5	1300						
	6	1560						

ENERGY MANAGEMENT SYSTEM (EMS)

Connecting energy assets. Optimising every operation.

An Energy Storage System delivers the greatest value when it operates as part of a wider energy ecosystem. Working seamlessly with solar generation, EV charging, site loads and the grid. An EMS provides the intelligence that connects these assets, continuously monitoring the system and automatically controlling the battery to optimise energy flows, reduce costs and make better use of available grid capacity, all while maintaining reliable, predictable operation.

From battery to complete energy system

Depending on the application, an EMS can coordinate multiple energy functions, including:



PEAK SHAVING

Limit power peaks and reduce demand-related costs.



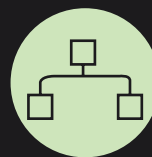
EV CHARGING SUPPORT

Manage charging demand, minimising grid impact.



ENERGY ARBITRAGE

Charge and discharge based on energy prices.



GRID CONGESTION RELIEF

Optimise power flows within grid capacity.



SOLAR SELF-CONSUMPTION

Maximise use of local renewable energy.



BACKUP POWER

Coordinate storage with critical loads.

One battery platform. Multiple EMS options.

Every project has different technical requirements, operating conditions and commercial objectives, so Veloris does not take a one-size-fits-all approach. As an independent technology partner, we've made our energy storage systems compatible with a selection of established EMS solutions, giving installers, EPC contractors and end users the flexibility to choose the platform that best fits their project, while benefiting from a proven Veloris battery solution.

Proven compatibility

Every Veloris battery is tested and validated against the EMS platforms in our ecosystem.

Independent advice

No preference for a single EMS brand, only for the platform that fits the project.

Freedom to choose

Installers, EPCs and end users select the EMS that suits their project.

Embion EMS

The smart standard for safe
and scalable installations



Charging station control

PV control

Curtailment

Energy hub

Simulation

Energy monitoring

Battery control

Avoiding grid congestion

Managing import and export limits

Power-to-Heat Control

Electricity cost savings

Load shifting

Peak shaving

RTI (Netbeheer Nederland)

Energy price control

Smart energy management for maximum efficiency



Independent: brand- and asset-agnostic, scalable, and adaptable by the installer to any new technology.



Dutch quality: local technical support and locally produced; data storage takes place within the EU.



Monitoring: real-time insight into the consumption and performance of all assets.



Control: dynamic control of charging stations, batteries, PV systems, heat pumps and more; integration with BMS (Building Management System) possible.



Optimization: automatic scenarios for cost savings and peak reduction.

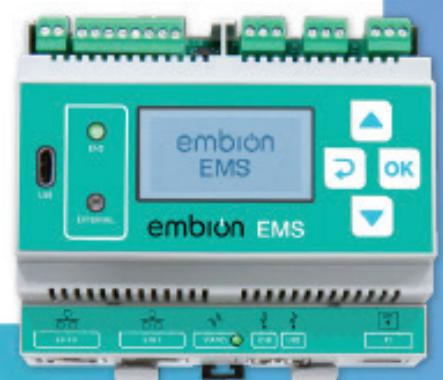


Bewezen betrouwbaar: 10 years of experience, developed according to strict standards, ready for NIS2 and aligned with ISO 27001.



Control over your contract: take advantage of dynamic tariffs and avoid peak costs.

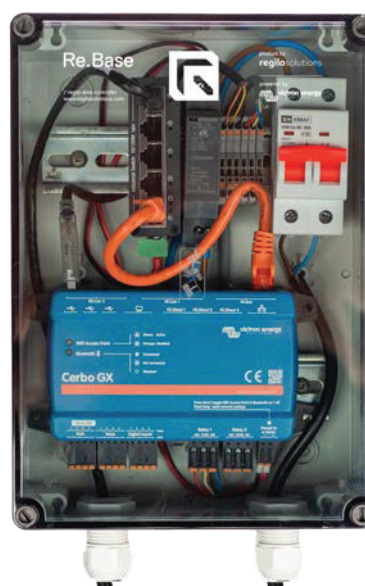
For more information, visit www.embion.eu



Regilo Energy Management System (EMS) connects and controls battery storage, generation and consumption across your site. From peak shaving and import/export limits to PV curtailment and coordinated battery and EV control. Our Re.Base controller helps use more of your own energy and get more from your grid connection.

Re.Base

Install. Connect. Control.



One system across brands

Connect supported batteries, solar, EV charging, wind, generators and heat pumps across brands. Extend new or existing installations through standard interfaces and agreed API integrations.

Built on proven Victron technology

Combine Regilo control with Victron VRM for a clear overview of your site, detailed data for installers and central access to multiple systems.

Use energy when it pays

Coordinate charging, discharging and flexible demand around generation, consumption and dynamic tariffs. Connect to energy markets through agreed integrations.

Control that stays on site

Re.Base Pro runs the control locally. Supported and configured routines can continue during temporary internet outages. Cloud-based functions require connectivity.

Designed for installers

Re.Connect guides asset setup and commissioning step by step. Check data, test agreed controls and activate the system before handing it over. Remote access makes configuration and diagnostics easier.

Expand beyond energy

Add new asset types to VRM and tailor notifications to the site. Already in use: cold-room temperatures alongside energy data.

An annual subscription that grows with you

Choose Monitoring for insight or Control for active energy management. Control scales with your grid capacity and includes software connections for meters, batteries, EV charging and PV. Add supported assets as your site grows. Additional assets are charged separately.

Custom integrations for your project

Need to connect additional equipment or systems? We can develop custom integrations around your project. Hardware, installation and custom integration work are quoted separately. Available functions depend on the agreed equipment, versions and configuration.



Take control of complex energy systems



Bring devices together in one controllable energy system

Envitron connects these assets within one EMS (Energy Management System). This provides insight into what is happening on site and enables the energy system to be controlled automatically within available grid capacity and according to the end customer's energy strategy.



**100%
Dutch**

**Proven in
practice**

**Vendor-
independent**

**Support &
service**

envitron



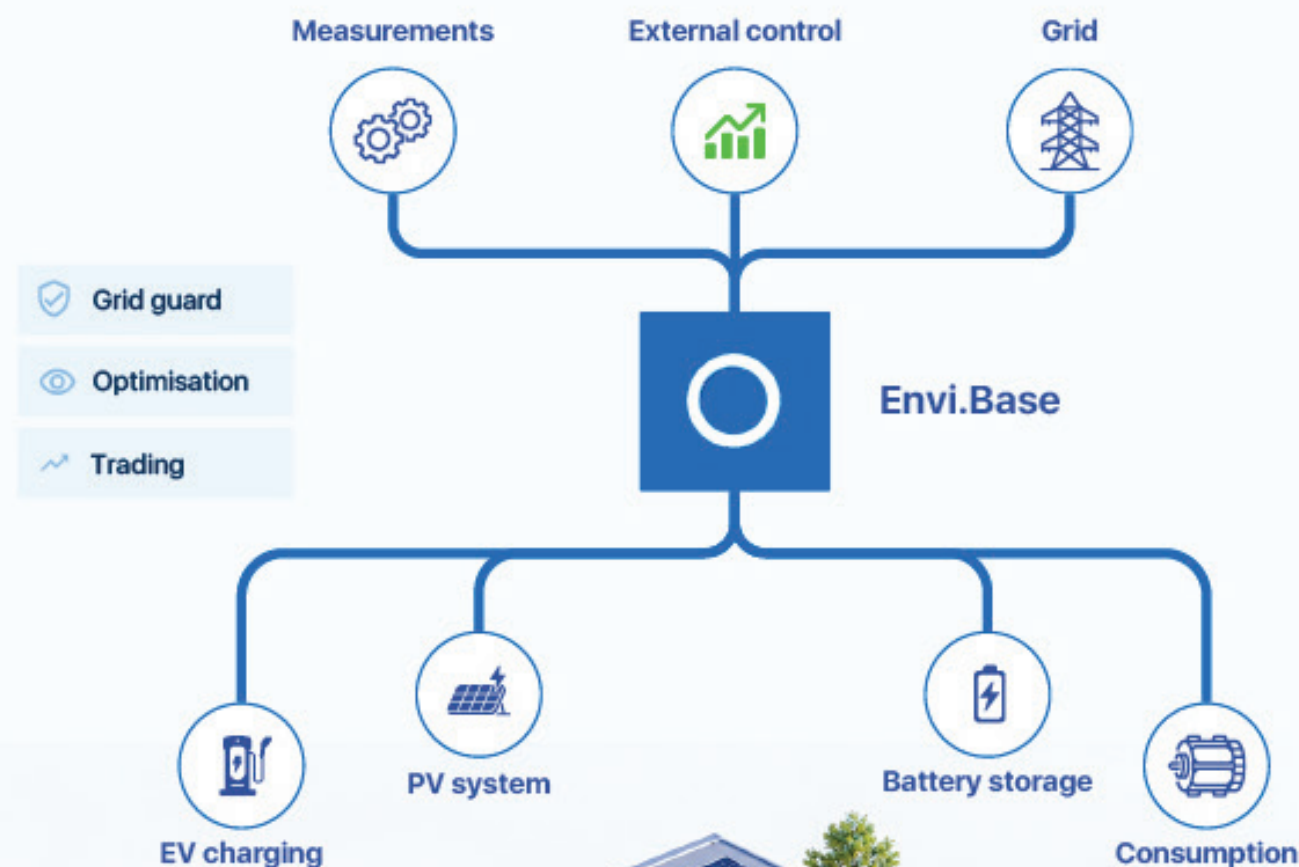
ISO
9001:2015

ISO
27001

One local EMS for your complete energy system

The Envi.Base forms the local connection between the grid connection, measurements and supported energy assets. Based on the configured control strategy, it continuously monitors and guards what is happening on site and determines where adjustments are required.

In this way, the Envi.Base acts as the link between the individual energy assets and the desired operation of the complete energy system.



**Get in touch
with us.**

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✉ sales@envitron.com

INSTALLATION PACKAGES

A complete, hassle-free installation, every time.

To make sure the installation is as complete and the process as easy as possible, we offer the option to make use of our full installation package, with all the necessary materials, components and accessories.

WHAT'S INCLUDED



GALVANIZED SKID

Placed under the ESS for easier, faster installation.



5G ROUTER

Teltonika RUT-241 with external antenna for a stronger signal.



REMOTE COMMISSIONING SUPPORT



ENERGY METER

Janitza UMG 103 Pro, for e.g. peak shaving and self-consumption.



ONSITE COMMISSIONING

Including an operation guarantee.



REMOTE MONITORING



CURRENT TRANSFORMERS

Split-core, 400A, for the Janitza energy meter.



INSTALLATION MANUAL



TRANSPORT



Just connect the cables, we'll take care of the rest.

The only thing you need to arrange is the cable connection to the power distributor onsite, and optionally a SIM card or internet connection.

NORDICONAMP DISTRIBUTION AND CONNECTION BOXES

Ready for higher power output, even beyond your own installation.

Since your existing installation is often not rated for the higher power output an energy storage system can provide, we also offer NordiconAmp distribution and connection cabinets. These are robust, galvanized outdoor cabinets designed for the easy connection and distribution of higher power loads.

WHAT NORDICONAMP OFFERS



ROBUST AND GALVANIZED

Weather-resistant outdoor cabinets, suitable for installation outside your existing system.



EASY CONNECTION AND DISTRIBUTION

Designed to make connecting and distributing power as simple as possible.



SUITABLE FOR LARGER ASSETS

For the higher power outputs an energy storage system can deliver, even if your own installation is not designed to handle them.



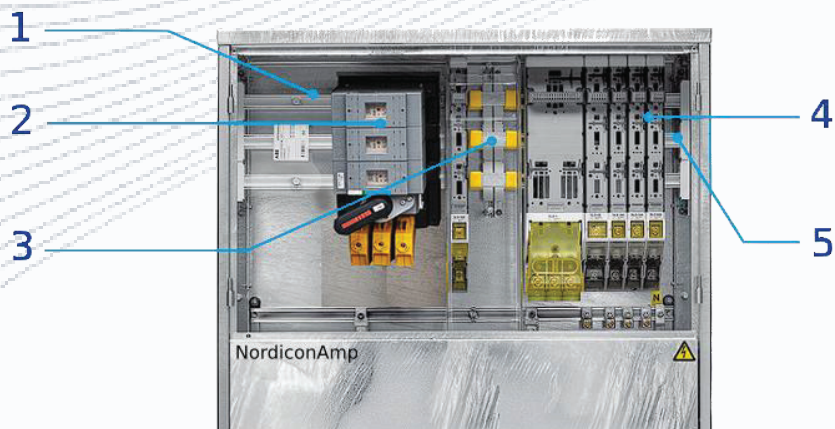
Tailored to your situation

Feel free to contact us if you have specific requirements for your particular situation.



NordiconAmp's outdoor distribution panels are fully integrated distribution systems widely used in Scandinavia, with more than 50,000 annual sales.

The system is designed and certified in accordance with the international standard IEC 614395. This standard sets requirements for the complete installation and verifies, among other things, electrical safety, temperature rise, shortcircuit resistance, mechanical strength, and operational reliability.



1. Extra space for incoming cables

2. Incoming fuse switch

3. Unit of measurement: voltage. Fuses and placement of current transformers.

4. Outgoing fuse holder/disconnector

5. Extra space for outgoing holder/disconnector



Power switches

Switching equipment is available in two construction variants: - SEKOD: mounted directly on the rail system - LBOD: placed between the rails.



Integrated busbars for energy metering

The integrated metering units support accurate energy measurement and monitoring. Thanks to their compact integration into the system, current transformers and metering components can be easily added without requiring additional installation space.

Fuse holders

SLD and SLE series: available from 10 A to 800 A
SLDL series: available from 400 A to 1,260 A



Safe

Safe for the installer and the environment.



Complete

Few tools & parts.



Practical

A simple installation.



Durable

A cabinet that lasts for decades.

NORDICON
— **AMP**



NordiconVolt BV

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