

Aristotle 3.0

All-in-One C&I ESS Cabinet

MARS

130kW/261kWh (Liquid Cooling)



Easy Installation: One Day One Site

- Simple installation requirements
- Pre-commissioned and tested
- Standard on-site installation process



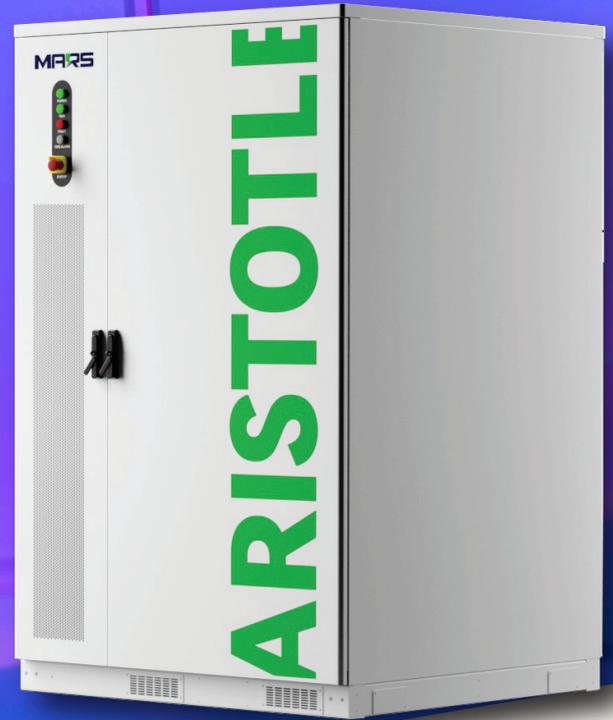
Top Performer: 10% More Energy Throughput

- 90.5% Max. system efficiency
- 40% less auxiliary energy consumption



Top Safety: Armor 2.0 Multi-Level Safety Design

- Separate compartment design, 120 min fire propagation
- Multi-level overcurrent protection and liquid 0-leakage protection
- IP55 cabinet protection, world-class component, high system reliability between -25 - 55 C environment



*UL 9540A, CEI 0-21 certified

Successful Story



Capacity: 466kWh



Location: Salamanca, Spain

- ✓ Improve PV Self-consumption
- ✓ Electricity Arbitrage
- ✓ Reduce Carbon Emission



Benefits:

Optimize energy bill, secure higher return, and enhance ESG scores



Capacity: 233kWh



Location: Alicante, Spain

- ✓ Peak Shaving
- ✓ Improve PV Self-consumption
- ✓ Energy Shifting



Benefits:

Achieve load balancing, reduce energy cost, and bring higher payback.



Capacity: 466kWh



Location: Geldermalsen, Netherlands

- ✓ Peak Shaving
- ✓ Alleviate Grid Congestion Challenges
- ✓ Energy Shifting



Benefits:

Dynamic load expansion for grid connection issue, support business growth

Note

All products are intended for delivery within Europe. The information contained in this document is subject to change without notice and may be incomplete or outdated. MARS Renewable reserves the right to revise specifications and other details without prior notification. For the latest updates, please consult MARS Renewable directly. © MARS Renewable 2025. All rights reserved.

SYSTEM SPECIFICATION

Nominal Output Power	130kW
Rated Energy (BOL)	261kWh
Cell Charge/Discharge Rate	0.5P

DC SIDE SPECIFICATION

Cell Type	LFP 314
Pack Configuration	1P52S
System Configuration	1P260S (5 Packs)
Max. DoD	100% (Recommended 90%)
Battery Voltage Range	728-936V

AC SIDE SPECIFICATION

Nominal AC Voltage	400V
AC Voltage Range	-15%Vnom - 10%Vnom
Rated AC Frequency	50Hz/60Hz
Power Factor	>0,99/1 (leading)-1(lagging)
THDi	<3% (@nominal power)
Max. Efficiency	98.8%

SYSTEM GENERAL DATA

Dimensions (W*D*H)	1385*1390*2210 mm
Weight	≤2900 kg
Protection Degree	Battery pack IP66; Cabinet IP55
Temperature Range	Operating: -25 C -55 C ; Storage: -30 C -55 C
Relative Humidity Range	0% - 95% (no condensing)
Max. Operating Altitude	3000 m (>2000m derating)
Anti-corrosion Grade	C4/C5-M (optional)
Battery Cooling Technology	Intelligent Liquid Cooling
PCS Cooling Technology	Forced Air Cooling
Noise	≤75dB (@25 C)
Fire Fighting System	Smoke Sensor, Thermal Sensor, Combustible Gas Detector, Explosion-proof fan, Aerosol re extinguishing device, Sound-light alarm
Aux Power Supply	Self-power/ External-power
Aux Power Interface	AC400V,3W+PE
Max. Aux Power Consumption	≤6KW
Certification	IEC 62619, IEC 62477, IEC 63056, IEC 61000, EN 50549, UN 38.3, UN 3480, RoHS, UL 9540A, CEI 0-21