



373 kWh / 186 kW

LIQUID-COOLED OUTDOOR CABINET



Scalable and reliable Li-ion battery storage.

PERFECT FIT FOR INDUSTRIAL APPLICATIONS



186–373 kWh



0,5 C



93–186 kW



≥ 8 000

PRODUCT FEATURES

- + Advance safety systems
- + Thermal Management System
- + Master BMS designed in Europe, open for customization
- + High return on investment, maximal utilization of space
- + Modular design for scalability
- + Compatibility with inverters (Ingeteam, KACO)

APPLICATIONS

Mid-size off-grid PV or other renewables installations

Commercial and industrial facilities with high energy consumption



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BATTERY DESIGN DESCRIPTION



CELL



PACK



CABINET

Chemistry	LFP
Capacity (Ah)	280
Max voltage (V)	3,6
Min voltage (V)	2,5
Weight (kg)	5,35

Connection	1P52S
Energy (kWh)	46,6
Max voltage (V)	187
Min voltage (V)	130
Weight (kg)	330

Max module connection (-)	8
Energy (kWh)	372,6
Max voltage (V)	1 496
Min voltage (V)	1 040
Weight (kg)	3 600

CABINET OPTIONS

BASIC PARAMETERS

Liquid-cooled
Outdoor Cabinet

Model	GL280-1P52S-8S
Battery Cell	LFP-280Ah
Nominal DC Voltage (V)	1 331,2
Rated Energy (kWh)	372,6
Nominal Power (kW)	186,4
Max. Charge Current (A)	140
Max. Discharge Current (A)	140
Max. Efficiency (%)	RTE ≥ 96 % at 0,5C
Efficiency (%)	96
Charge Temperature (°C)	0 °C ~ 55 °C
Discharge Temperature (°C)	-30 °C ~ 55 °C
IP Rating	IP55
Dimensions (WxDxH)	1 320 x 1 395 x 2 310 mm
Weight (kg)	3 600
Battery Standards and Regulations	UN 38.3, UL 1973, UL 9540A, IEC 62619, IEC 61000, IEC 62477 Regulation (EU) 2023/1542