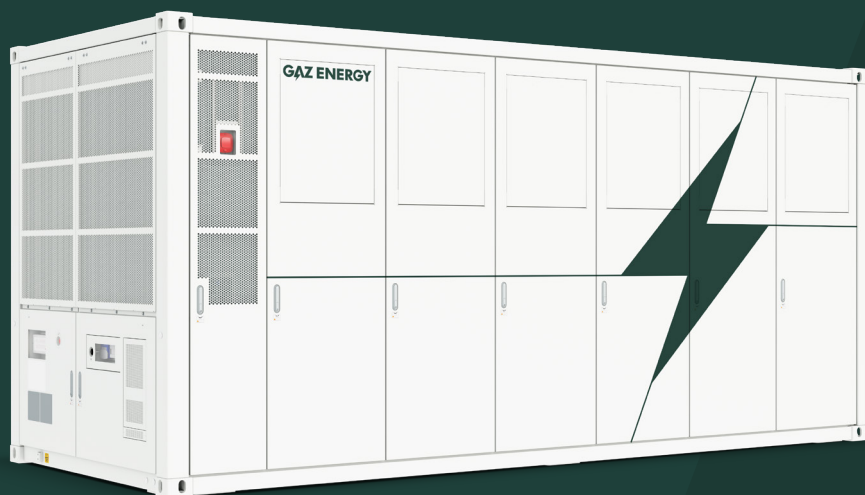


GAZ ENERGY Battery Container

MODEL
GEN-BAT-5015kWh



EXCEPTIONALLY
SAFE AND RELIABLE

Key Features

- EU-based production ensuring top quality
- Intelligent EMS based on in-house European software
- Cutting-edge safety systems
- Liquid cooling for high performance and excellent temperature control



5 MWh



0.5 C

Typical Applications

- Grid stabilization & ancillary services
- Algorithmic energy trading
- Surplus energy storing
- Peak shaving
- Load shifting
- Instant power supply



≥ 8 000



2.5 MW



Battery Design Description

MODEL
GEN-BAT-5015kWh



Cell

Chemistry	LFP
Capacity	314 Ah
Max voltage	3.65 V
Min voltage	2.5 V
Weight	5.6 kg

Pack

Configuration	2P52S
Energy	104.5 kWh
Max voltage	187.2 V
Min voltage	140.4 V
Weight	≤ 710 kg

Container (20' HC)

Configuration	6 Strings × 8 Packs
Energy	5 015 kWh
Max voltage	1 500 V
Min voltage	1 123.2 V
Weight	≤ 43 000 kg

Technical Specifications

Model	GEN-BAT-5015kWh
Battery cell	LFP-314Ah
Rated energy	5 015 kWh
Rated voltage (DC)	1 331.2 V
Rated power	2 507.5 kW
Charge & discharge rate	≤ 0.5 C
Operating temperature	-30 ~ 55 °C
Storage temperature	-35 ~ 60 °C
Protection degree	IP55
Anti-corrosion degree	C5-Medium
Dimensions (W × D × H)	6 058 × 2 438 × 2 896 mm
Weight	≤ 43 000 kg
Battery standards and regulations	EN IEC 62477-1 EN IEC 61000-6-2/4 EN IEC 62933-5-2 EN IEC 62619 (EU) 2023/1542 UL 9540A UL 1973

