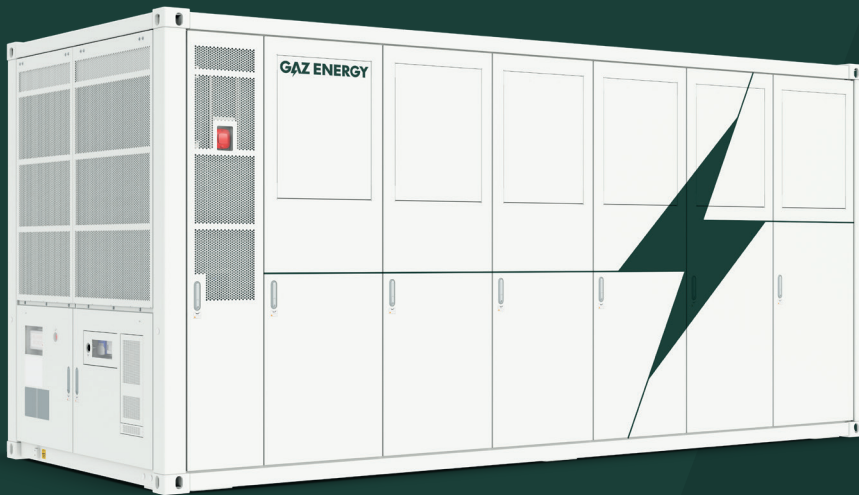


## GAZ ENERGY Battery Container

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

### Typical Applications

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



**5 MWh**



**0,5 C**



**≥ 8 000**

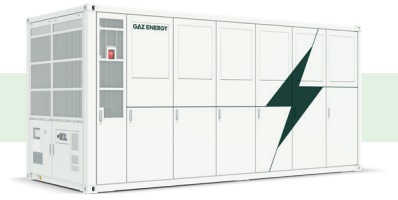


**2,5 MW**



# Battery Design Description

MODEL  
GEN-BAT-5015kWh



## Cell

Chemistry	<b>LFP</b>
Capacity	<b>314 Ah</b>
Max voltage	<b>3,65 V</b>
Min voltage	<b>2,5 V</b>
Weight	<b>5,6 kg</b>

## Pack

Configuration	<b>2P52S</b>
Energy	<b>104,5 kWh</b>
Max voltage	<b>187,2 V</b>
Min voltage	<b>140,4 V</b>
Weight	<b>≤ 710 kg</b>

## Container (20' HC)

Configuration	<b>6 Strings × 8 Packs</b>
Energy	<b>5 015 kWh</b>
Max voltage	<b>1 500 V</b>
Min voltage	<b>1 331,2 V</b>
Weight	<b>≤ 43 000 kg</b>

## Technical Specifications

Model	<b>GEN-BAT-5015kWh</b>
Battery cell	<b>LFP-314Ah</b>
Rated energy	<b>5 015 kWh</b>
Rated voltage (DC)	<b>1 331,2 V</b>
Voltage range (DC)	<b>1 331,2 V ~ 1 500 V</b>
Rated power	<b>2 507,5 kW</b>
Charge & discharge rate	<b>≤ 0,5 C</b>
Operating temperature	<b>-30 ~ 55 °C</b>
Storage temperature	<b>-35 ~ 60 °C</b>
Protection degree	<b>IP55</b>
Anti-corrosion degree	<b>C5-Medium</b>
Dimensions (W × D × H)	<b>6 058 × 2 438 × 2 896 mm</b>
Weight	<b>≤ 43 000 kg</b>

Battery standards  
and regulations

**EN IEC 62477-1**  
**EN IEC 61000-6-2/4**  
**EN IEC 62933-5-1/2**  
**EN IEC 62619**  
**(EU) 2023/1542**  
**UL 9540A**

