

Gotion GRID 7MWh



≥7MWh

Ultra-High Energy Density

588Ah

High-Capacity Cells

≤3°C

Intelligent Thermal Control

25% Smaller Footprint

Space Efficient

Product Strengths



Superb Safety Design

- Pack-level suppression, total-flooding gas extinguishing, and water spray protection
- Compartmentalized design with 2-hour fire-rated partitions



One Container, Massive Power

- 7.04 MWh per container, 25% less land use
- 40% higher in energy density



Engineered for Longevity

- Full-container IP55 protection, C5 anti-corrosion rating, and pack-level IP67 protection
- Smart liquid cooling with <3°C cell temperature variance



High Efficiency & Flexibility

- Modular platform fits flexible deployment in high-temp or sandstorm-prone environments
- Horizontal cooling with top exhaust boosts heat exchange by 20%

Model**Gotion GRID 7MWh****Electrical Parameters**

Cell Capacity	LFP-588Ah
Nominal Energy	7044.7kWh
Nominal Voltage	1331.2V

Environmental Parameters

Operating Temperature	-30°C~55°C
Altitude	≤3000m

Structural Parameters

Ingress Protection Rating (IP Rating)	IP55
Cooling Method	Liquid-Cooling
Fire Suppression System	<ul style="list-style-type: none"> • Pack-level immersion suppression • Total-flooding gas extinguishing • Water spray protection
China Compliance	GB/T36276*
US Compliance	UL 1973*, UL 9540*, UL 9540A*, NFPA 855*
EU Compliance	IEC 62477*, IEC 60730*, IEC 61000*, IEC 62619*
Shipping Compliance	UN 38.3*, UN 3536*
Dimensions (W×D×H)	6058×2438×2896mm
Weight	≈52t

* Certification in progress