

BATTERY  
RESIDENTIAL SERIES

# G2500-24 / G2500-48

## CAPACITY

2.56 kWh modular

## ✓ KEY FEATURES

- Modular
- Safe
- Easy Installation



### About GITER

Established by a group of elites in the energy storage industry, GITER provides the most reliable and affordable energy storage products with up-to-date lithium-ion technology, enabling all the homes and businesses to get self-powered and even go off-grid around the world.

Physical		
Model	G2500-24	G2500-48
Battery Type	Li-ion	
System Weight	27 kg	
Dimension (W x D x H)	403.4 x 457.2 x 130.9 mm	
Protection Class	IP21	
Warranty	2 Year Product Warranty	
Electrical		
Energy Capacity	2.56 kWh	
Usable Capacity	2.43 kWh	
Depth of Discharge (DoD)	95%	
Nominal Voltage	25.6 V	51.2 V
Operating Voltage Range	24 ~ 28.8 V	48 ~ 57.6 V
Internal Resistance	≤ 20 mΩ	
Cycle Life	4000*	
Operation		
Max. Charging Current	50 A (0.5C)	25 A (0.5C)
Operating Temperature Range	-10 °C ~ 50 °C**	
Humidity	0 ~ 90%	
BMS		
Power Consumption	<1W (Work), <10 mW (Sleep)	
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature	
Communication	CAN and RS-485 compatible	

\* Under specific test conditions.

\*\* Do not charge batteries when temperature is below 0°C. Batteries start derating when the temperature is above 40°C.



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