

BATTERY  
RESIDENTIAL SERIES

# 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	G2500-48
Battery Type	Li-ion
System Weight	29 kg
Dimension (W x D x H)	400 x 457.7 x 129.4 mm
Protection Class	IP20
Warranty	2 Year Product Warranty
Electrical	
Energy Capacity	2.56 kWh
Usable Capacity	2.46 kWh
Depth of Discharge (DoD)	96%
Nominal Voltage	51.2 V
Operating Voltage Range	48 ~ 57.6 V
Internal Resistance	≤ 20 mΩ
Cycle Life	4000*
Operation	
Max. Charging Current	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.

\*\* When the temperature is below 0 °C or above 40 °C, the performance will be limited.



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