

BATTERY
RESIDENTIAL SERIES

G2500-24

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
Battery Type	LiFePO4 (LFP)
Weight	29 kg
Dimension (W x D x H)	400 x 421 x 131 mm
Protection Class	IP20
Warranty	2 Year Product Warranty
Electrical	
Energy Capacity	2.56 kWh
Usable Capacity	2.41 kWh*
Depth of Discharge (DoD)	95%
Nominal Voltage	25.6 V
Operating Voltage Range	24 ~ 28.8 V
Internal Resistance	≤ 20 mΩ
Cycle Life	3500**
Operation	
Rated Charging Current	50 A
Discharging Current	50 A (Rated) / 78.75 A (Peak, 2min)
Operating Temperature Range	-10 °C ~ 50 °C***
Humidity	15 ~ 85%
BMS	
Power Consumption	<1 W (Work), <10 mW (Sleep)
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature
Communication	CAN and RS-485 compatible

* The battery is prohibited from discharging in the off-grid if the SOC is less than 20%.

** 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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