

BATTERY
RESIDENTIAL SERIES

G5040-48

CAPACITY

5.04 kWh modular

✓ KEY FEATURES

Modular design

Safe

Easy installation

Long lifespan

High-cost performance



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	G5040-48
Battery Type	LiFePO4 (LFP)
Weight	50 kg
Dimension (W x D x H)	403.4 x 457.2 x 222.5 mm
Protection Class	IP20
Warranty	5 Year Product Warranty
Electrical	
Energy Capacity	5.04 kWh
Usable Capacity	4.79 kWh
Depth of Discharge (DoD)	95%
Nominal Voltage	48 V
Operating Voltage Range	45 ~ 54 V
Internal Resistance	≤ 20 mΩ
Cycle Life	3500*
Operation	
Rated Charging Current	52.5 A (0.5C)
Discharging Current	52.5 A (Rated), 78.75 A (Peak)
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

* Under specific test conditions.

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



Giter Co., Ltd.

+86 512 6828 7609

info@giter-ess.com

www.giter-ess.com

808-812, Building 10A, Zilang Science and Technology City, 60 Chongzhou Avenue,
Economic and Technological Development Zone, Nantong, Jiangsu Province, 226006