



**BATTERY
RESIDENTIAL & COMMERCIAL SERIES**

G10000-48

CAPACITY

10 kWh modular

✓ KEY FEATURES

Modular

Plug & play

Safe

Long lifespan



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	G10000-48
Battery Type	Li-ion
System Weight	89 kg
Dimension (W x D x H)	600 x 230 x 690 mm
IP Protection	IP21 (Indoor)
Warranty	5 Year Product Warranty, 10 Year Performance Warranty
Electrical	
Energy Capacity	10 kWh
Usable Capacity	9 kWh
Depth of Discharge (DoD)	90%
Nominal Voltage	48 V
Operating Voltage Range	45 ~ 54 V
Internal Resistance	≤ 40 mΩ
Cycle Life	6000
Operation	
Max. Charging/Discharging Current	100 A (0.5C)
Max. Short-circuit Current	200 A
Operating Temperature Range	-10 °C ~ 50 °C*
Humidity	15% ~ 85%
BMS	
Modules Connection	1 ~ 6 in parallel
Capacity	10 / 20 / 30 / 40 / 50 / 60 kWh
Usable Capacity	9 / 18 / 27 / 36 / 45 / 54 kWh
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature
Communication	CAN and RS-485 compatible
Certification	
Transportation	UN38.3
Safety	IEC 62619 (Cell)

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



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