



GWB48V5K GWB48V10K

LITHIUM IRON BATTERY

5.12 kWh
10.24 kWh
Expandable

OVERVIEW

GWB48V5K/GWB48V10K is an industry-leading 1P16S module that uses 1P high-power battery cells. This module adopts both wall-mounted and floor-mounted installation methods, further enhancing the convenience of installation and the flexibility of wiring.

This module is suitable for applications such as home and base stations, and can meet various power and capacity requirements through the parallel connection of multiple units.

KEY FEATURES



Flexible expansion, easy installation.



Scalable up to 15 in parallel for large facilities.



Big discharge current, Compatible with solar inverter and energy system.



Lithium-ion batteries are safer to use.



CAN/RS485 communication optional.
Support WIFI operation.



The large screen display is more intuitive.

SPECIFICATION

TECHNICAL PARAMETERS	GWB48V5K	GWB48V10K
Normal Battery Voltage(Vdc)	51.2V	
Normal Capacity (25 °C 0.2C) (WH)	5120WH	10240WH
Operation Voltge range (Vdc)	44.8~57.6V	
Max Charge/Discharge Current(A)	100A/100A	150A/200A
Max number of parallel machines	15	
Communication	CAN/RS485	
DOD	90%	
Chemistry	LiFePO4 / 100 Ah	LiFePO4 / 200 Ah
Battery System Configuration	1P16S	
Cycle Life	≥3000 times@60%Initial capacity	
ENVIRONMENTAL		
Operating Temperature Range	Charge: 0 °C ~ 45 °C / Discharge: -20 °C ~ 55 °C	
Humidity Range	25% to 85% RH non-condensing	
IP Ratings	IP20	
DIMENSIONS & WEIGHTS		
System Dimension (W*D*H)	420*180*590 mm	460*260*640 mm
Weight	48 kg	86 kg
Install	floor-standing/wall-mounted	
COMPLIANCE		
Battery Related Standards	UN 38.3, IEC 62619,CE,ROHS	

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