



GWB48V16K

LITHIUM IRON BATTERY

16 kWh
Expandable

OVERVIEW

GWB48V16K 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		GWB48V16K
Normal Battery Voltage(Vdc)		51.2V
Normal Capacity (25 °C 0.2C) (WH)		16076WH
Operation Voltage range (Vdc)		44.8~57.6V
Max Charge/Discharge Current(A)		157A/200A
Max number of parallel machines		15
Communication		CAN/RS485
DOD		90%
Chemistry		LiFePO4 / 314 Ah
Battery System Configuration		1P16S
Cycle Life		≥6000 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)		460*290*810 mm
Weight		124 kg
Install		floor-standing/wall-mounted
COMPLIANCE		
Battery Related Standards		UN 38.3, IEC 62619,CE,ROHS

Yougou Electronics (Shenzhen) Co., Ltd.

✉ Email: info@dinaservice.com

🌐 Add: Room 6401A, 64/F, SEG Plaza, Huaqiang North Subdistrict, Futian District, Shenzhen, Guangdong, China