

Low voltage battery 5.12kWh / 10.24kWh
EGB48100PB | EGB48200PB



Product Features:

Energy Gap EGB series is low voltage lithium battery designed for residential applications with superior performance, safe battery (LFP) and optimized user experience.

The build-in auto recognition function and the plug & play design allows for easy installation, it can also be paralleled to allow 5kWh to 80kWh capacity.

Safe & Reliable

Support multi-unit parallel connection
Plug and play, support most single-phase PCS

GRACE

Elegant designed ID and MD
Designed for wall mount or stand floor as needed

Extendable

Support diesel generator access
Support full power discharge, automatic management of battery charge and discharge

Technical Parameters:

Technical Parameters	EGB48100PB	EGB48200PB
Rated Energy Capacity	5.12 KWh	10.55 KWh
Usable Capacity	4.61 KWh	9.49 KWh
Rated Voltage	51.2 V	51.2 V
Voltage Range	42 ~ 58.4 V	42 ~ 58.4 V
Depth of Discharge	90%	
Life Cycles	≥6000 cycles	
Max Charge Current	100 A	
Max Discharge Current	100 A	
Max Number in Parallel	16	
Battery Type	LiFePO4	
Communication Interfaces	RS485 / CAN	
Operating Temperature	Charge: 0 °C ~ 50 °C / Discharge: -10 °C ~ 50 °C	
Storage Temperature	-20 °C ~ 40 °C (< 1 month) / 0 ~ 35 °C (< 1 year)	
Cooling Method	Natural convection	
Ambient Humidity	0 ~ 95%, non-condensing	
Ingress Protection	IP65	
Weight	48kg	85kg
Dimension W * H * D	366 * 636 * 180 mm	400 * 745 * 240 mm
Standard Warranty	5 years (standard) / 10 years (optional)	
Applicable Standard	UN38.3 / IEC62619	

