



51.2V 200AH LIFEPO4
**POWERWALL HOME
ENERGY STORAGE
BATTERY**

ONE BATTERY FOR MULTIPLE
BRAND INVERTERS

Grenex battery BMS supports
simultaneous communication and
docking with multiple inverter brands >>>



INVERTER BRANDS:



and more...

PRODUCT ADVANTAGES

Long cycle life

Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 cycles at an 80% depth of discharge (DOD), which is equivalent to 10-15 years.

Intelligent BMS battery protection

Built-in intelligent Battery Management System (BMS) that prevents overcharge, excessive discharge, short circuit current amongst other features.

High quality prismatic lithium iron phosphate battery

High energy density, higher current capacity, longer lifespan

Communicated with multiple brands inverter same time

Genixgreen's battery BMS supports simultaneous communication and docking with multiple brands

Low internal resistance and high current

Low internal resistance of the battery, excellent continuous high current discharge performance

Good safety performance

Extreme safety test, no fire, no explosion, no leakage

KEY FEATURES

- AUTOMOTIVE GRADE CELLS-16 CELL CONFIGURATION.
- INTEGRATED CAN BUS RS485 BMS.
- LED DISPLAY SHOWS BATTERY POWER.
- PRE-CONFIGURED WITH OPTIMAL PARAMETERS.
- LOCAL TECHNICAL SUPPORT
- BMS ALLOWS FOR COMMUNICATION WITH THE FOLLOWING INVERTER BRANDS: VICTRON, SUNSYNK, DEYE, LUX POWER, GROWATT, SMA, SCHNEIDER, SUNGROW, SOLIS, SOL-ARK, SOLAR EDGE, SOFAR AND OTHERS.

PROTECTION

- OVER CHARGE DETECTION FUNCTION
- OVER DISCHARGE DETECTION FUNCTION
- OVER CURRENT DETECTION FUNCTION
- TEMPERATURE PROTECTION FUNCTION
- SHORT CIRCUIT DETECTION FUNCTION
- BALANCE FUNCTION

PARAMETERS

Product specification	51.2V 200AH
Nominal voltage	51.2V
Nominal capacity	200Ah
Cell type	Lithium Iron Phosphate (LFP)
Standard charge voltage	56.8V
Maximum charge current	150A
Discharge cut-off voltage	45.6V
Maximum discharge current	150A
Parallel units	Supports 8 units in parallels
Communication interface	RS485, CAN, RS232(Optional)
Cycle life	>6000 cycles@ 80% DOD
Charge temperature range	0~65°C
Discharge temperature range	-20~65°C
Colour	Grey and white
Dimensions	450*650*225MM
Weight	92kg
Installation method	(Wall mounted)
Warranty	10 years, 6000 cycles

YOUR HOME



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