

# 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 >>>



#### LU POWER TEK Deye





0K/0F4 000



### **INVERTER BRANDS:**

### GROWATT

victron energy

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

## **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.



### 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

## PROTECTION

- BALANCE FUNCTION

OVER CHARGE DETECTION FUNCTION **OVER DISCHARGE DETECTION FUNCTION** OVER CURRENT DETECTION FUNCTION TEMPERATURE PROTECTION FUNCTION SHORT CIRCUIT DETECTION FUNCTION



### PARAMETERS

# YOUR HOME

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

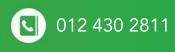


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IEX Energy, Water & Carbon Experts



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solar controller







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