

WALL MOUNTED SOLAR ENERGY STORAGE SYSTEM



W48100B-IP65 POWER WALL Series

W48100B-IP65 can be widely used indoors and outdoors as a wall-mounted household battery. Strictly selected grade A LFP cells have a good performance in high and low temperature resistance with long life span and high safety. One single battery pack has a capacity of 5.12 KWh. It can be easily connected in parallel to expand power according to the actual power demand and supply power to home users day and night.

51.2V/100Ah

5120Wh for one pack

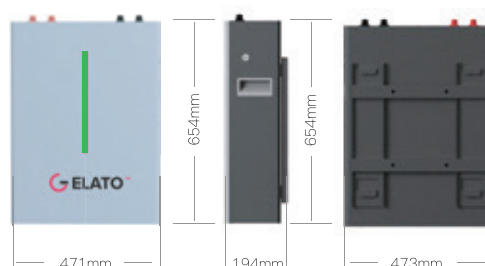
1P16S

Module arrangement

BMS

Intelligent BMS

- ◆ Rated voltage 51.2V
- ◆ Grade A LFP cells
- ◆ Designed ten-year service life
- ◆ Intelligent BMS design for overcharging protection
- ◆ Battery reverse polarity protection



SPECIFICATIONS



BATTERY MODEL	W48100B-IP65
Battery Type	LiFePO4 [LFP]
Rated voltage	51.2V
Rated capacity	100Ah
Voltage range	40V-58.4V
Rated energy	5120Wh
Dimension	471±3*194±3*654±3mm
Weight	51kg
Warranty	5 years + 5 years

INVERTER MODEL	R5KLNA
PV Input	
Max. power(kW)	7.5kW
Max. DC voltage(V)	500V
MPPT voltage range(V)	120V-500V
Max. Input current of single MPPT	14A
AC Output	
Rated output power	5kVA
Max. apparent Power	5.5kVA
Max. output current	22.9A
Grid voltage/range	120/240(split phase), 208(2/3 phase),230 (single phase)
General Data	
Dimension	460±3mm* 225±3mm* 760±3mm
Weight	41kg
Safety standard	UL1741, CSA C22.2 No. 107.1:16,UL1998