

WALL MOUNTED SOLAR ENERGY STORAGE SYSTEM



PW48100C-POWER WALL Series

PW48100C 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

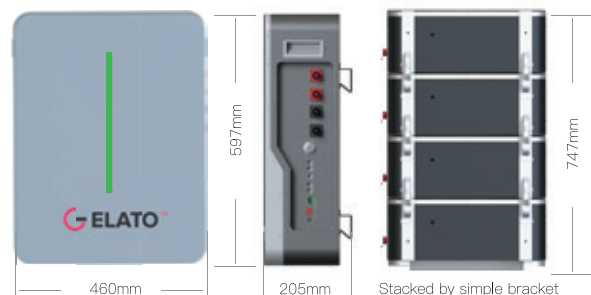
1P16S

Module arrangement

BMS

Intelligent BMS

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



SPECIFICATIONS



BATTERY MODEL	PW48100C
Battery Type	LiFePO4 [LFP]
Rated voltage	51.2V
Rated capacity	100Ah
Voltage range	40V–58.4V
Rated energy	5120Wh
Dimension	460±3*205±3*597±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