

HIGH VOLTAGE SOLAR ENERGY STORAGE SYSTEM



HV25640-POWER WALL Series

HV25640 is a high-voltage wall-mounted household battery with grade A cells, long life span and high safety. It can be matched with a three-phase inverter to output 380 volts, and is also compatible with 220V normal electricity needs. A single battery pack with a power capacity of 10KWh can meet the majority of household electricity needs and cover a wide range of areas without power supply. It can be supported by a maximum of 4 parallel connections.

256V/40Ah

10240Wh for one pack

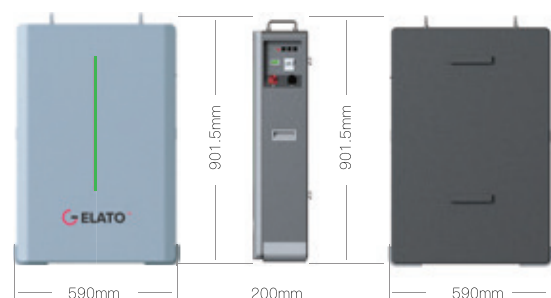
2P80S

Module arrangement

BMS

Intelligent BMS

- ◆ Rated voltage 256V
- ◆ Grade A cells
- ◆ Designed ten-year service life
- ◆ Intelligent BMS design for overcharging protection
- ◆ Backflow prevention protection



SPECIFICATIONS

BATTERY MODEL	HV25640
Battery Type	LiFePO4 [LFP]
Rated voltage	256V
Rated capacity	40Ah
Voltage range	160V–292V
Rated energy	10240Wh
Dimension	901±3*590±3*200±3mm
Weight	98kg
Warranty	5 years + 5 years

INVERTER MODEL	R7KH1NA
PV Input	
Max. power(kW)	12kW
Max. DC voltage(V)	500V
MPPT voltage range(V)	120V–500V
Maximum input current of each photovoltaic channel(A)	12A
AC Output	
Rated output power	7.6kW
Max. apparent power	8.4kVA
Max. output current	34.5A
Grid voltage/range	211.2~264.0V@240V
General Data	
Dimension	530±3mm x 660±3mm x 200±3mm
Weight	34kg
Safety standard	UL1741SA all options, UL1699B, CSA 22.2