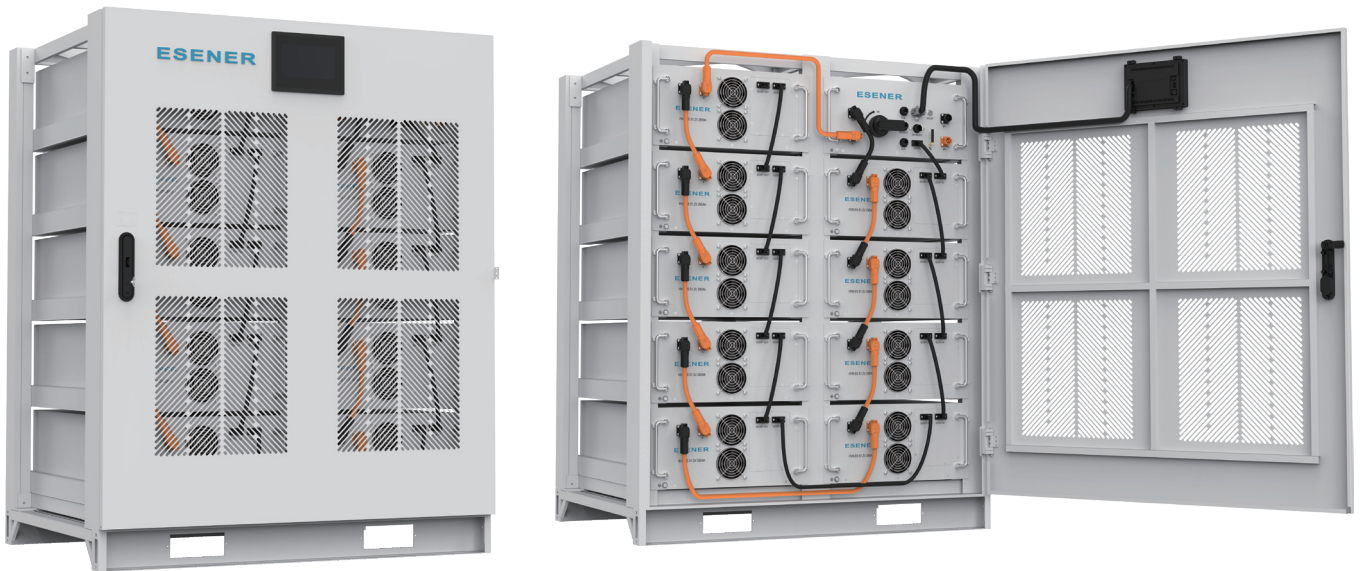


Model

HVB-ES-129KWh

ESENER



Overview

Indoor battery rack with IP20 protection level built-in lithium-ion battery and BMS

Easy Installation And Maintenance

Local and remote management, standard rack&module design, front maintenance

Safety & Reliable

Self-developed 2-level BMS, safe and reliable

High Density

High Density Li-ion battery with aluminum shell, over 140wh/kg

Long Lifespan

Long cycle life, 8000 cycles

Balancing Technology

Support passive cell balancing

DATASHEET

Model	HVB-ES-129KWh
Performance	
Battery module(Wh/V)	14.336 kWh, 51.2 V
Number of modules	9
Cell technology	LFP (LiFePO4)
Battery usable energy	129.024 kWh
Nominal voltage	460.8 V
Operating voltage	403.2-525.6 V
Standard charging & discharging	140 A / 0.5 C
Maximum continuous charging & discharging	140 A / 0.5 C
Communication	
Display	SOC status indication, Alarm indication, LCD display
Communication	CAN / RS485
General Specification	
Dimension (W*D*H)(mm)	1120(W)*845(D)*1400(H) mm
Weight Approximate (kg)	≈1240kg
Discharging temperature range	-20~55°C
Charging temperature range	0~55°C
Storage Temperature	-10~45°C
Environmental humidity	5%-85%
Protection rating	IP20
Cycle life	8000 Cycles @ 80% DOD / 25°C / 0.5C, 70% EOL
Scalability	Yes
Application	ON Grid / ON Grid + Backup / OFF grid
Compatible PCS	SOLIS、DEYE、SUNSYNK、ATESS\MEGAREVO
Standard Compliance	
Certificates	Cell: UN38.3/IEC62619/UL1973/UL9540A/UL1642/BIS Pack: UN38.3/MSDS/DGM

[1] DC Usable Energy, test conditions: 90% DOD, 0.2C charge & discharge at 25°C.
System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Condition apply.Refer to warranty Letter.