

Model

HVB-ES-61.4KWh

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, 6000 cycles

Balancing Technology

Support passive cell balancing

DATASHEET

Model		HVB-ES-61.4KWh
Performance		
Battery module(Wh/V)	10.24 kWh, 102.4 V	
Number of modules	6	
Cell technology	LFP (LiFePO4)	
Battery usable energy	61.44 kWh	
Nominal voltage	614.4 V	
Operating voltage	537.6-700.8 V	
Standard charging & discharging	50 A / 0.5 C	
Maximum continuous charging & discharging	100 A / 1 C	
Communication		
Display	SOC status indication, Alarm indication, LCD display	
Communication	CAN / RS485	
General Specification		
Dimension (W*D*H)(mm)	584(W)*1094(D)*1500(H) mm	
Weight Approximate (kg)	≈670 kg	
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	6000 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.