

Model

HVB-ES-215KWh

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-215KWh
Performance		
Battery module(Wh/V)	14.336 kWh, 51.2 V	
Number of modules	15	
Cell technology	LFP (LiFePO4)	
Battery usable energy	215.04 kWh	
Nominal voltage	768 V	
Operating voltage	672-876 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)*2100(H) mm	
Weight Approximate (kg)	≈1920 kg	
Discharging temperature range	-20~55℃	
Charging temperature range	0~55℃	
Storage Temperature	-10~45℃	
Environmental humidity	5%-85%	
Protection rating	IP20	
Cycle life	8000 Cycles @ 80% DOD / 25℃ / 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.