

Innovation  
for A Better Life

**COSLINK** **ESS**

**CHANGE  
YOUR ENERGY**

**EnerMax-HEB**

ActivePack Technology  
Stacking Residential Energy Storage System

**PROVIDE  
ENERGY  
INDEPENDENCE**

[www.coslinkess.com](http://www.coslinkess.com)



**HEB8-HV**

## Features and Advantages



### Smarter

- Smart active control technology
- Intelligent charge & discharge control
- **Intelligent BMS**



### High performance

- Cycle life: **6000 times**
- Excellent current balancing performance
- Wide temperature range applications
- Stronger overcurrent ability



### High safety

- **LiFePO4 cells**
- Multiple real-time warnings and protections
- Built-in with a DC switch to isolate battery & inverter
- Built-in fire-proof module



### Compact and modular

- Modular design
- **Great expandability**
- Ultra slim & compact design



### Certification compliant

- IEC62619, IEC62620, EN61000, **UL1973**, UN38.3  
EN50549, IEC62109, EN61000, G99, NRS097



### Smart management




- Local & remote monitoring
- **APP & Cloud platform**

**The Leader of ESS Active Control Technology**

Future Green Energy: More Reliable, More Intelligent, More Economic



**UN38.3**

Model	HEB8-HV		
<b>Hybrid Inverter Parameters</b>			
Battery Chemistry	LiFePO4		
Battery Module Energy [kWh]	7.68		
Battery Module Voltage [V]	400		
Battery Module Capacity [Ah]	150		
Scalability			
Norminal Voltage [V]	400		
Operating Voltage [V]	350~450		
Rated Energy [kWh]	7.68	15.36	23.04
Usable Energy [kWh] [1]	6.9	13.8	20.7
Charge/Discharge Current [A] [Recommend]	7	14	21
Charge/Discharge Current [A] [Peak]	20	30	30
Energy Throughput [kWh] [2]	25185	50370	75555
Cycle Life [3]	≥ 6000 (25°C±2°C, 0.5C/0.5C, 70%EOL)		
<b>Other Parameters</b>			
Recommend Depth of Discharge	90%		
Dimensions [W*D*H, mm]	650*150*360	650*150*720	650*150*1080
Weight [kg]	68	136	204
IP Rating of Endosure	IP65		
Operating Temperature	Charge: 0~55°C/Discharge: -20°C~55°C		
Storage Temperature	0~35°C		
Humidity	5%~95%		
Altitude [m]	≤ 2000		
Installation	Floor-mounted, wall-mounted		
Communication Port	CAN2.0, RS485		
Warranty	10 years		
Certification	UN38.3, IEC62619, CE		

[1] DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. The system usable energy may vary due to system configuration.

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

[3] The warranty is due whichever reached first of warranty period or energy throughput.

System Components	
EMS	720*255*110 (W x D x H,mm), 13kg
Battery Module	650*150*360 (W x D x H,mm), 68kg
Base	720*255*90 (W x D x H,mm), 10kg
Communication Cable	3m RJ45 communication cable with one end having a waterproof terminal
Power Cable	2 pieces of 2/0 AWG DC power cable with one end having a waterproof terminal The cable length can be customized based on customer requirements (default length is 2000mm)

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