

Innovation  
for A Better Life

**COSLINK** ESS

**CHANGE  
YOUR ENERGY  
PROVIDE  
ENERGY  
INDEPENDENCE**

**EnerMax-HIS**  
Active Control Technology  
Residential Energy Storage System

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

## 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	HIS3K10	HIS4K10	HIS5K10	HIS6K10	HIS8K10	HIS5K20	HIS6K20	HIS8K20
<b>Hybrid Inverter Parameters</b>								
	Input (PV)							
Max. Power [W]	4500	6000	7500	9000	12000	7000	9000	12000
Max. DC Voltage [V]	550							
MPPT Voltage Range [V]	125~550							
Max. Input Current of Single MPPT [A]	16/16							32
	AC output (on-grid)							
Rated Output Power [W]	3000	4000	5000	6000	8000	5000	6000	8000
Rated Voltage [V]	230							
Rated Grid Voltage Range [V]	180~270							
Rate Grid Frequency [Hz]	50/60							
Maximum Grid-Connected Current [A]	14.3	19.1	21.7	28.7	38.3	21.7	28.7	38.3
	AC output (off-grid)							
Rated Power [W]	3000	4000	5000	6000	8000	5000	6000	8000
Rated Voltage [V]	230							
THDU	< 2%							
Rated Frequency [Hz]	50/60							
Rated Current [A]	14.3	19.1	21.7	28.7	38.3	21.7	28.7	38.3
<b>Battery Parameters</b>								
Model	HEB48V100							
Max. Number of Battery Packs	2					4		
Battery Type	LFP							
Rated Voltage [V]	48							
Rated Capacity [Ah]	100							
Max. Continuous Charge / Discharge Current [A]	90/100							
Dimensions [W*D*H, mm]	442*400*130							
Weight [kg]	39							
<b>System Parameters</b>								
IP Grade	IP65							
Operating Temperature Range [°C]	Charge: 0~+45; Discharge: -20~+45							
Relative Humidity	5%~95% RH (non-condensing)							
Dimensions [W*D*H, mm]	700*350*1220					700*350*2100		
Weight [kg]	65 (excluding battery)					87 (excluding battery)		
Hybrid Inverter Certificates	IEC 62116&61727, IEC62109-1: 2010, IEC62109-2: 2011, EN62109-1: 2010, EN621092: 2011 G99, NRS 097-2-1, CEI 0-21							
Battery Certificates	UN38.3, MSDS, IEC62619, IEC62620, UL1973							

**Note:**

- Battery System: 5/10/15/20 kWh can be flexibly configured as required;
- Hybrid inverter: 3-8 kW can be flexibly configured as required;
- The above information may subject to update without prior notice.

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