

Innovation
for A Better Life

COSLINK **ESS**

**CHANGE
YOUR ENERGY
PROVIDE
ENERGY
INDEPENDENCE**

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EnerMax-HIS
ActivePack Technology
Residential Energy Storage System



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	HIS6K5-AM	HIS6K10-AM	HIS6K15-AM	HIS10K20-AM
Hybrid inverter parameters				
	Input (PV)			
Max. Power [kW]	7.5	7.5	7.5	12
Max. DC Voltage [V]	600			
MPPT Voltage Range [V]	120-550			
MPPT Strings	2			
Max. Input Current Of Single MPPT [A]	15	15	15	18
	AC output (on-grid)			
Rated Output Power [kW]	7.5	7.5	7.5	12
Rated Grid Voltage [V]	120 VAC (P-N), 208 VAC (P-P), 240 VAC (P-P)			
Rated Grid Voltage Range [V]	Split phase, 2/3 phase, single phase			
Rate Grid Frequency [Hz]	50/60			
Max. AC Current [A]	25	25	25	41.5
	AC output (off-grid)			
Rated Power [kW]	7.5	7.5	7.5	12
Rated Voltage [V]	Split phase, 2/3 phase, single phase			
THDU	< 2%			
Rated Frequency [Hz]	50/60			
Rated Current [A]	40			
Battery Parameters				
Model	HEB48V100			
Capacity of Battery Pack [kWh]	5	10	15	20
Battery Type	LFP			
Rated Voltage [V]	48			
Rated Capacity [Ah]	104			
Max. Continuous Charge / Discharge Current [A]	90/100			
Dimensions [W*D*H,mm]	442*400*130			
Weight [kg]	39			
System Parameters				
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*1470		700*350*2100	
Weight [kg]	123	162	223	262
Hybrid Inverter Certificates	UL1741, IEEE1547, CSA C22.2			
Battery Certificates	UN38.3, MSDS, IEC62619, CE			

Note:

- Battery System: 5/10/15/20 kWh can be flexibly configured as required;
- hybrid inverter: 6/10 kW can be flexibly configured as required.
- The above information may subject to update without prior notice.

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