

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
- Built in fire-proof module



Compact and modular

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



Certification compliant

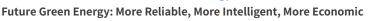
• IEC62619, IEC62620, EN61000, UL1973, UN38.3 EN50549, IEC62109, EN61000, **G99**, NRS097



Smart management

- · Local & remote monitoring
- APP & Cloud platform















EnerMax-HIS

Active Control Residential Energy Storage System

Model	HIS3K10	HIS4K10	HIS5K10	HIS6K10	HIS8K10	HIS5K20	HIS6K20	HIS8K20	
Hybrid Inverter Parameters									
		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		16/16							
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	
Battery Parameters									
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							
System Parameters									
IP Grade				IP6	55				
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 batter						/)	
Hybrid Inverter Certificates	IEC 6211	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: 18 kW can be flexibly configured as required;
- The above information may subject to update without prior notice.

COSLINK DIGITAL ENERGY TECHNOLOGY CO., LTD.

- Room 2A of Building 2, Winlead Intelligent Park, Shutianpu Community, Matian Sub-District, Guangming District, Shenzhen City
- +86-0755-2969 1626 sales@coslinkess.com