

Innovation
for A Better Life

COSLINK ESS

CHANGE YOUR ENERGY PROVIDE ENERGY INDEPENDENCE

www.coslinkess.com

EnerMax-HEBS

Stand-Alone 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

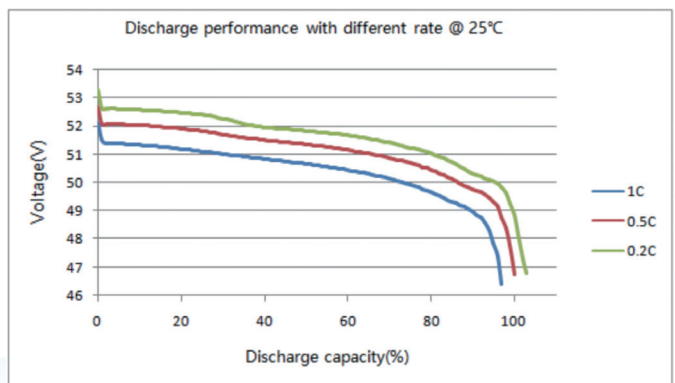
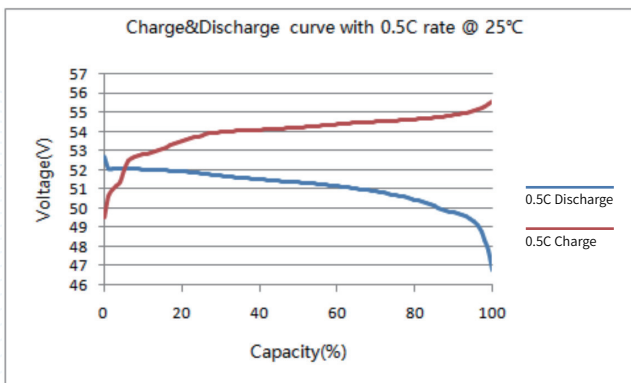
Future Green Energy: More Reliable, More Intelligent, More Economic



UN38.3

Production Model	HEBS48V200	HEBS48V300	HEBS48V400
Battery Type	LFP		
Nominal Voltage [V]	48		
Energy Capacity [kWh]	9.6 @0.5C, 25 °C	14.4 @0.5C, 25 °C	19.2 @0.5C, 25 °C
Dimensions [W*D*H, mm]	700*350*700	700*350*1300	
Rated Output Voltage [V]	56.4		
Output Voltage Range [V]	40~58 (support of constant voltage output)		
Output Power [W]	9600	14400	19200
Max. Out current [A]	180 / 200		
Weight [kg]	108	166	208
Cycle Life	6000 times (25 °C, 0.5C, 90% DOD, 70% EOL)		
Communication Interface	RS485/CAN		
Max. Parallel Quantity	16 (CAN), 8 (RS485)	8 (CAN), 4 (RS485)	
Equilibrium Mode	Balanced current		
Balanced Current [mA]	100		
Cooling Mode	Air cooling		
IP Grade	IP65		
Installation Method	Floor model		
Fire Fighting Mode	Built-in aerosol		
Working Temperature [°C]	Charge: 0~45, Discharge: -20~45		
Storage Temperature [°C]	0~40		
Relative Humidity	5%~95%		
Protection and Alarm	Overcharge protection, over-discharge protection, over current, etc.		
Design Life	15 years		
Work Mode	Battery characteristic discharge output mode, peak clipping mode, off-peak mode, etc.		
Optional Accessories	Anti-theft function		

Performance Curve



Note: The above information may subject to update without prior notice.