

Innovation  
for A Better Life

**COSLINK** ESS

**CHANGE  
YOUR ENERGY  
PROVIDE  
ENERGY  
INDEPENDENCE**

**EnerMax-C&I**

Distributed Hybrid Power Control Cabinet

[www.coslinkess.com](http://www.coslinkess.com)  
Official Authorized ESS Integrator of CATL



## Features and Advantages



### Highly integrated

- Support of simultaneous input from batteries and PV
- DC/AC side fully modular design
- Simplified after-sales operation and maintenance



### Security

- Support of distributed layout
- Real time remote intelligent management
- Cluster management: less self-power-consuming
- Built-in aerosol fire protection system



### Smart

- EMS & Cloud real-time monitoring
- AC/DC flexible management
- Built with active control optimizer
- Support of parallel connection

**Leader of ESS Active Control Technology**  
Provide Professional OEM/ODM Solution and Product



**UN38.3**



Model		CS50KP	CS100KP	CS150KP
PV Side	Max. PV Input Voltage [V]		1000	
	Max. PV Input Power [kW]	55	110	165
	MPPT Voltage Range [V]		250~850	
Battery Side	Voltage Range [V]		400~850	
	Rated Voltage [V]		768	
	Rated Energy [kWh]	215		≥ 430
AC Side (On-Grid)	Rated Power [kW]	50	100	150
	Rated Voltage [V]		400	
	Voltage Range		-20% ~+15%	
	Rated Frequency [Hz]		50/60	
	Frequency Range [Hz]		Rated frequency±3	
	Power Factor		> 0.99	
	Total Current Harmonic Distortion		≤ 3% (rated power)	
AC Side (Off-Grid)	Rated Power [kW]	50	100	150
	Rated Voltage [V]		400	
	Rated Frequency [Hz]		50/60	
	Frequency Range [Hz]		Rated frequency±0.05	
	Input Voltage Distortion		≤ 3% (linear load)	
	Overload Capacity		≤ 105% (continuous), 120% (1 min)	
	Unbalanced Load Capacity		100%	
System Parameters	AC Access Mode		3W+N+PE	
	Dimensions [W*D*H, mm]	1700*1050*2200	1900*1200*2200	
	Weight [kg]	~850	~1250	~1500
	Isolation		Isolation transformer	
	Cooling		Smart temperature control	
	IP Grade		IP54	
	Relative Humidity		5%~95%	
	Altitude [m]		3000 (degrading if > 3000)	
	Communication		Ethernet, RS485, CAN, 4G	
	Working Temperature [°C]		-20~60	
	User Interface		10-inch touchscreen	

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