

Innovation
for A Better Life

COSLINK ESS

**CHANGE
YOUR ENERGY
PROVIDE
ENERGY
INDEPENDENCE**

EnerMax-C&I

Distributed Power Control Cabinet

www.coslinkess.com



Features and Advantages



Highly integrated

- Support of simultaneous input from batteries and PV
- Assure 24-hour green power for industrial and commercial use
- Simplified after-sales operation and maintenance



Security

- Support of distributed layout
- Distributed arrangement, higher security
- Cluster management: less self-power-consuming



Smart

- Local EMS real-time monitoring
- Support of peak shaving function, PV & energy storage control, and energy storage/charging pile control
- Support of multiple parallel connection

The Leader of ESS Active Control Technology

Green Energy: More Reliable, More Intelligent, More Economic



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	
	Max. Parallel Number		1	
	Max. Charge Power [kW]		110	
AC Side (on-grid)	Rated Power [kW]	50	100	150
	Rated Voltage [V]		400	
	Voltage Range		-20% to +15%	
	Rated Frequency [Hz]		50/60	
	Frequency Range [Hz]		Rated frequency±5	
	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±0.2	
	Input Voltage Distortion		≤ 3% (linear load)	
	Overload Capacity		≤ 105% (continuous), 120% (1min)	
	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 (derating if > 3000)	
	Communication		Ethernet, RS485, CAN, 4G	
	Working Temperature [°C]		-20~60	
	User Interface		10 inch touch screen	

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