

Innovation
for A Better Life

COSLINK ESS

**CHANGE
YOUR ENERGY
PROVIDE
ENERGY
INDEPENDENCE**

EnerMax-C&I

Distributed Power Control Container

www.coslinkess.com

Official Authorized ESS Integrator of CATL



Features and Advantages



Highly integrated

- Support of simultaneous input from batteries and PV
- Modular design, on-demand expansion
- Distributed design, simplified operation and maintenance



Improved security

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



Smart

- Local EMS for real time monitoring
- AC/DC flexible management
- Support of functions of peak shaving, solar storage control and storage charging control
- Allowing for PCS parallel expansion

Leader of ESS Active Control Technology

Provide Professional OEM/ODM Solution and Product



UN38.3

Model		CP500kT
Battery Side	Battery Type	LFP
	Rated Voltage [V]	768
	Number of battery connections	5
	Voltage Range [V]	420-850
	Single maximum DC current [A]	140
AC Side (On-Grid)	Rated Power [kW]	500
	Rated Voltage [V]	400
	Voltage Range	-20%~+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)	Max. Output Power [kVA]	550
	Rated Power [kW]	500
	Rated Voltage [V]	400
	Rated Frequency [Hz]	50/60
	Frequency Range [Hz]	±0.2
	THDU	<2% Linear load
	Overload Capacity	110% Long run
PV Output	Max. PV Input Voltage [Vdc]	1000
	Max. PV Power [kW]	720
	MPPT Voltage Range [Vdc]	250~850
	MPPT Full Load Voltage Range [Vdc]	450~850
	Max. MPPT Efficiency	98%
System Parameters	Dimensions [W*D*H, mm]	2896*2991*2438
	Cooling	Smart temperature control
	Fire-Proof	Aerosol
	Noise [dB]	< 65
	IP Grade	IP54
	Communication	Ethernet, RS485, CAN
	Working Temperature [°C]	-20~+60 (>50°C Derating)
	AC Access Method	3W+N+PE

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