

Innovation
for A Better Life

COSLINK ESS

**CHANGE
YOUR ENERGY
PROVIDE
ENERGY
INDEPENDENCE**

EnerMax-C&I
All-in-One
Distributed Energy Storage Cabinet

www.coslinkess.com



Features and Advantages



Highly integrated

- All-in-one and modular design
- Support of stacking and expansion installation
- Simplified after-sales operation and maintenance



Security

- Local and cloud EMS real-time monitoring
- Built-in aerosol firefighting system
- Reserved water firefighting interface



Smart

- Multiple energy management modes
- 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	CS50K50S-H	CS50K100S-H	CS30KP50-H	CS60KP100-H
PV Side (Hybrid Inverter, Optional)				
MPPT Voltage Range [V]			350~900	350~900
Number of MPPT Trackers			2	2
Maximum Input Current [A]			26	26
DC Side				
Battery	LFP			
Rated Voltage [V]	512	512	512	512
Rated Energy [kWh]	51.2	102.4	51.2	102.4
Battery Voltage Range [V]	464-568	464-568	464-568	464-568
Max. DC Current [A]	90/100	180/200	90/100	180/200
AC Side (On-Grid)				
Rated Power [kW]	50	50	30	60
Max. AC Power [kVA]	55	55	33	66
Max. AC Current [A]	80	80	50	50
Rated Voltage [V]	400 VAC (P-P)			
Voltage Range	-20% ~ +15%			
Rated Frequency [Hz]	50/60			
Frequency Range [Hz]	Rated frequency ± 3			
Power Factor	> 0.99 (rated frequency)			
THDi	$\leq 3\%$			
Overload Capacity	$\leq 110\%$ (continuous)			
AC Side (Off-Grid)				
Rated Power [kW]	50	50	30	60
Rated Voltage [V]	400			
Rated Frequency [Hz]	50/60			
Frequency Range [Hz]	Rated frequency ± 0.05			
THDU	$\leq 3\%$			
Overload Capacity	$\leq 110\%$ (continuous), 120% (1 min)			
Other				
AC Connection Mode	3P+N+PE			
On and Off-Grid Switch Time [ms]	≤ 20 ms			
Battery Dimensions [W*D*H, mm]	800*950*2200			
Hybrid Inverter Dimensions [W*D*H, mm]	660*255*750			
Weight [kg]	~978	~1023	~978	~1023
Isolation	Non-isolated			
Cooling	Smart temperature control			
IP Grade	IP54			
Noise [dB]	< 65			
Fire-Proof	Aerosol			
Communication	Ethernet, RS485, CAN			
Working Temperature [°C]	-20~+60			

Note: 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