

INTEGRATED ENERGY CABINET

COSPOWERS

Application Field

Domestic Solar and Energy Storage

Charging Station、

Microgrid、Office Building



Flexible configuration, compact size, suitable for multiple scenarios



Modular PACK design, freely combinable, easy to maintain



Safety ensured, including fire protection, water immersion protection, and thermal management



LCD screen for intuitive display, supports photovoltaic integration

Parameters/ Model		6kW/30kWh	10kW/30kWh	15kW/30kWh	15kW/50kWh
PV Input Parameters	Maximum Input Voltage	1000Vdc			
	MPPT Voltage Range	180~850Vdc			
	Rated Power	9kW	15kW	22.5kW	22.5kW
	Number of MPPTs	2			
AC Grid-tied Parameters	Maximum Input Apparent Power	6.6kVA	11kVA	16.5kVA	16.5kVA
	Maximum Input Active Power	6kW	10kW	15kW	15kW
	Rated Input Voltage	400Vac,3W+N+PE			
	Maximum Continuous Input Current	9.5A	15.9A	23.8A	23.8A
	Rated Input Frequency	50/60Hz			
AC Off-grid Parameters	AC Off-grid Voltage	400Vac,3W+N+PE			
	Maximum Continuous Output Current	9.5A	15.9A	23.8A	23.8A
	AC Off-grid Frequency	50/60Hz			
Battery Parameters	Cell Capacity	100Ah-LFP			
	Rated Energy	30kWh	30kWh	30kWh	50kWh
	Nominal Voltage	307.2V	307.2V	307.2V	512V
	Operating Voltage Range	268.8~345.6V	268.8~345.6V	268.8~345.6V	448~560V
	C-rate	≤0.5C			
	Maximum Charging Current	50A			
System level Parameters	HMI	7-inch LCD Touch Screen			
	Fire Protection System	Perfluoroketone Fire Suppression			
	Cooling Method	Air Cooling			
	Operating Temperature	-20~55°C			
	IP Rating	IP54			
	Dimensions (W*D*H)	<700*750*1350mm	<700*750*1350mm	<700*750*1350mm	<700*750*1885mm
	Weight	<500Kg	<500Kg	<500Kg	<800Kg
Other Parameters	Certifications	Cell:IEC62619,UL1973,UL9540A,UN38.3,RoHS,MSDS,Pack:UL9540A,UN38.3			



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