

Outdoor Cabinet Energy Storage System(Air-cooled)

50/100kW(215kWh)

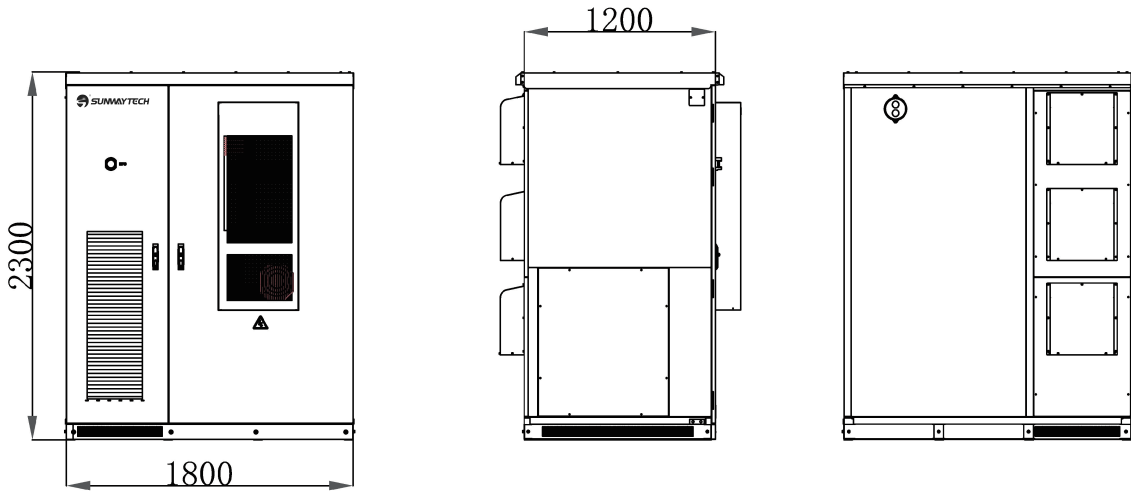


Integration Product : power module, battery, refrigeration, fire protection, dynamic environment monitoring and energy management in one. It is suitable for microgrid scenarios such as small-scale commercial and industrial energy storage, photovoltaic diesel storage, and photovoltaic storage and charging. The local control screen can perform a variety of functions, such as monitoring system operation, formulating energy management strategies, and upgrading remote equipment.

Product Features:

- Highly integrated: System productization, integrating energy storage batteries, PCS and power distribution, temperature control and fire protection, flooding door magnets, and monitoring and communication, comprehensively controlling the system operation status and risk;
- Intelligent management: The local control panel can realize diversified functions such as system operation monitoring, energy management strategy formulation, and equipment remote upgrade;
- Excellent protection: Patented outdoor cabinet protection design, optimized cooling air ducts, protection from dust and rain; front and rear doors open for maintenance, facilitating side-by-side arrangement of multiple systems on site and reducing floor space;
- Space saving: Door-mounted embedded integrated air conditioner, does not take up space in the cabinet, increasing the available space in the cabinet, better structural integrity at the top, good waterproof effect.

Outdoor Cabinet ESS(Air-cooled)



PERFORMANCE SPECIFICATIONS

	50kW/215kWh	100kW/215kWh
Model	Monet-50(215kWh)	Monet-100(215kWh)
Max. PV input power	/	/
Max. PV input voltage	/	/
STS	/	/
Transformer	/	/
Battery(DC)		
Rated battery capacity	215kWh	215kWh
Rated system voltage	768V	768V
Battery type	LFP battery	
Battery Cell capacity	280Ah	280Ah
Series of battery	1P*20S*12S	1P*20S*12S
AC		
Rated AC power	50kW	100kW
Rated AC current	72A	144A
Rated AC voltage	400V,3P+PE,50/60Hz	400V,3P+PE,50/60Hz
THDi	<3%(rated power)	
PF	-1(leading)~ +1(lagging)	
General Parameters		
Protection level	IP55	
Isolation mode	Non-Isolation	
Operating temperature	-25~60°C(Derating above 45°C)	
Altitude	3000m(>2000m derating)	
Communication interface	RS485/CAN 2.0/ Ethernet/dry contact	
Dimension(W*D*H)	1800*1200*2300mm	1800*1200*2300mm
Weight (approx)	2360kg	2400kg

Note: Above models are typical configurations. PV charging (DC/DC) module, on/off-grid switching module, industrial isolation transformer and other components can also be selected for micro-grid scenarios, to form Solar ESS integrated system cabinet.