

INTEGRATED ENERGY STORAGE SYSTEM



▼ ECC-ICSO-215

Highly integrated



Integrated energy storage battery, PCS temperature control and fire protection, water door magnetic and monitoring communication, fully control the system operation status and risks

Save space



Using the door-installed embedded integrated air conditioning, improve the available space of the cabinet, the top structural integrity is better, the waterproof effect is good

Excellent protection



Optimize heat dissipation air duct to protect dust and rain; open the front and back doors for maintenance to facilitate multiple systems side by side and reduce the floor area

Flexible parallel



With the technology of virtual synchronization machine features, it can realize the free machine connection and off-grid switching function of multiple units without communication lines

Intelligent management



It can realize diversified functions such as system operation monitoring, energy management strategy formulation and remote equipment upgrade

Various functions



Standardized structure design, photovoltaic charging module, off-grid switching module, power frequency transformer and other components can be selected for micro-grid and other scenarios, and integrated optical storage integrated system cabinet



Model	50kW/100kWh	100kW/215kWh	250kW/500kWh
Battery parameters			
Battery rated energy storage capacity	107.52KWh	215.04KWh	516.096KWh
System rated voltage	384V	768V	614.4V
Battery type	Lithium iron phosphate battery		
Cell capacity	280Ah		
Battery pack series and parallel mode	1P "24S*5Pack	1P "24S*10Pack	1P "24S*8Pack
AC parameters			
Rated AC power	50kW	100kW	250kW
Rated AC current	72A	144A	360A
Rated AC voltage	400V3P+N+PE,50Hz		
Total current distortion	<3%		
Power factor	-1 advance ~ + 1 lag		
Conventional parameters			
Protection	IP54		
Isolation method	Non-isolation (optional transformer)		
Working temperature	-25-60°C(derate above 45 C)		
Height above sea level	3000m(derate over 3000m)		
Communication interface	RS485/CAN2.0/Ethernet / dry contact		
Dimensions (W * D * H/mm)	1200"1200*2300	1200"1200*2300	3000 *1500 *2300
Weight	1800kg	2400kg	2500kg