

OUTDOOR ESS CABINET (AIR-COOLING)

RES-200W100 RES-215W100



PV Plant



Wind Power Energy Storage



C&I ESS



Grid-Side ESS



PV+ESS+Charging



Microgrid

FAN COOLING SYSTEM



Support three-phase 100% unbalanced load



Support remote upgrade & cloud operations



Intelligent dehumidification to eliminate condensation risk



Flexible expansion with easy installation and maintenance



Maintenance-free air-cooled design

Model	RES-200W100	RES-215W100
Model		
Battery Type	LiFePO4	
Rated Charge/Discharge Performance	0.5C	
Rated Voltage [V]	716.8	768
Operating Voltage Range [V]	627.2~817.6	672~876
Cell Rated Capacity [Ah]	280	280
Rated Capacity [kWh]	200.7	215.04
Composition	1P224S	1P240S

AC Output (Grid Side)

Rated Output Power [kW]	100
Max. Output Current [A]	159
Rated Grid Voltage [V]	3/N/PE,230/400
Rated Grid Frequency [Hz]	50/60
Power Factor Adjustable Range	1(0.9 Leading~0.9 Lagging)
THDi	<3% (@ Rated Power)

AC Output (Load Side)

Rated Output Power [kW]	100
Max. Output Current [A]	159
Rated Output Voltage [V]	3/N/PE,230/400
Rated Output Frequency [Hz]	50/60
Unbalanced Load Capacity	100%

General Parameters

Ingress Protection	IP54	
Battery Cooling Method	Air conditioning cooling	
Relative Humidity	0~95%,Non-condensing	
Temp. Range [°C]	-20~+50	
Altitude [m]	4000 (>2000 Derating)	
Communication	RS485/CAN	
Communication Protocol	Modbus/IEC104	
Weight [kg]	≈2250	≈2450
Dimension (W*D*H) [mm]	1550*1235(1050)*2264	
Delivery Method	Integral transportation	