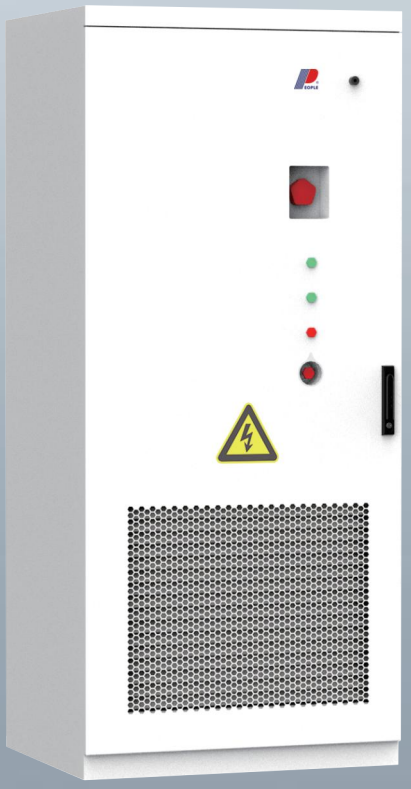
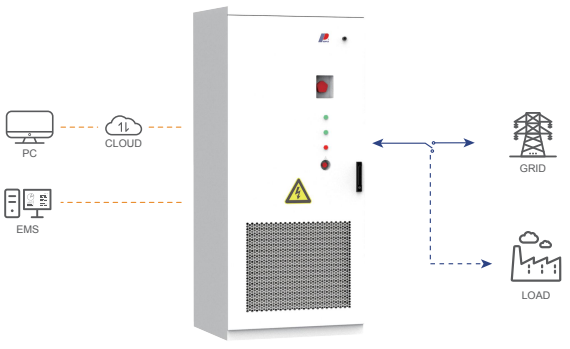
OUTDOOR ESS CABINET (LIQUID-COOLING)

RES-241L120/261L130



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
- Floor space < 1.4m²
- Support remote upgrade & cloud operation and maintenance
- PACK + cabinet level fire control
- Intelligent dehumidifcation to eliminate condensation risk
- PACK-level liquid-cooled runner desgin for high cooling efficiency
- Single cabinet capacity up to 261KWh
- Flexible expansion, easy to install and maintain

Model	RES-200W100	RES-215W100
Battery Parameters		
Charge/Discharge Rate	0.5C	
Rated Cell Capacity [Ah]	314	
Rated Voltage [V]	768	832
Operating Voltage Range [V]	672~876	728~949
Rated Capacity [kWh]	241.15	261.248
Configuration	1P240S	1P260S
AC Parameters (On-Grid)		
Rated Output Power [kW]	120	130
Max. Output Current [A]	191	206
Rated Grid Voltage [V]	3/N/PE，230/400	
DC Component	＜0.5% In	
Rated Grid Frequency [Hz]	50/60	
Power Factor	1 (0.9 leading to 0.9 lagging)	
THDi	<3% (@ rated power)	
AC Parameters (Off-Grid)		
Rated Output Power [kW]	120	130
Max. Output Current [A]	191	206
Rated Grid Voltage [V]	3/N/PE，230/400	
Rated Grid Frequency [Hz]	50/60	
Unbalanced Load Capabilit	100%	
General Parameters		
IP Rating	IP54	
Cooling Method	Air Cooling	
Fire Protection System	Aerosol	
Relative Humidity	0~95%, Non-condensing	
Temp. Range [°C]	-20~+50	
Max Altitude [m]	4000 (>2000 Derating required)	
Communication Method	RS485, Ethernet	
Communication Protocol	Modbus	
Weight [T]	≈2.5	≈2.7
Dimensions(W*D*H) [mm]	1000*1330*2350	1000*1370*2350
*Cetifications (LES-241L120)	EN62477-1:2012；EN IEC 61000；EN 50549-1/10;NC RfG, PTPiREE, VDE, CEI 0-21, C10/11, NTS, EIFS , TOR，G99, NF EN 50549-1:2019, NF EN 50549-10:2022, EN 50549-1:2019+A1:2023,	