

ReeXing

GR241L

GR215L



MSDS



UN38.3



**Safe and
Reliable**

- Smart liquid cooling system for efficient heat dissipation
- IP54 and C3 anti-corrosion design
- Three levels fire suppression mechanism



**Intelligent and
Easy to Use**

- Battery capacity and discharge time prediction
- Cloud O&M, fast fault analysis and handling
- AI algorithm to achieve early fault cell warning

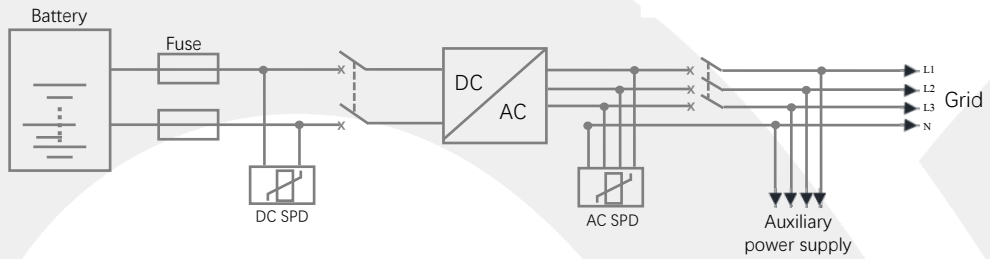


**Efficient and
FLexible**

- Integrated design, plug and play
- Support isolated grid operation
- Millisecond dynamic response



Electrical Diagram



Specification parameter

Model	ReeXing GR215L	ReeXing GR241L
DC Side		
Cell type	LFP/280Ah	LFP/314Ah
Battery capacity (BOL)	215kWh	241kWh
Rated voltage	768V	768V
Battery voltage range	648V~ 864V	648V~ 864V
Rated/Max. current	140A / 170A	162.7A / 192A
System configuration	240S1P×1	240S1P×1
AC Side		
Rated charge/discharge power	107.5kW	125kW
Rated voltage	400V	400V
Voltage range	360V~440V	360V~440V
Rated current	155A	180A
Rated frequency	50Hz	50Hz
AC connection	3L+N+PE	3L+N+PE
System Parameter		
Dimension (W×H×D)	1100×2519×1500(mm)	
Weight	≈ 2500kg	
Cycle performance	≥ 6000 cycles; @25±2°C,0.5P,SOH≥80%	
System efficiency	≥ 89% (Including subsidiary Power Consumption)	
Fire suppression system	NOVEC 1230 (Support PACK level)+flammable gas detection + exhaust + Water Sprinkler System	
Cooling concept	Liquid cooling	
Operating ambient temperature range	-20~55°C	
Max. Working altitude	2,000m (When the altitude is between 2000-4000m, the output of the system will be de-rated.)	
Relative humidity	RH ≤ 95%(No condensation)	
IP rating	IP54	
Communication protocols	Modbus、IEC60870-5-104、4G (MQTT)	
Remote monitoring	Cloud EMS, mobile APP	
Anti-corrosion Grade	C3	
Compliance	UN38.3、IEC62619、CE、UL9540A	
Application scenarios	Industrial and commercial energy storage ,microgrid , emergency power backup	

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