

ReeXing

GR482L

GR430L



MSDS



UN38.3



Features



**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**

- Integrated design, support generator and pv access
- Battery capacity and discharge time prediction
- Cloud O&M, fast fault analysis and handling

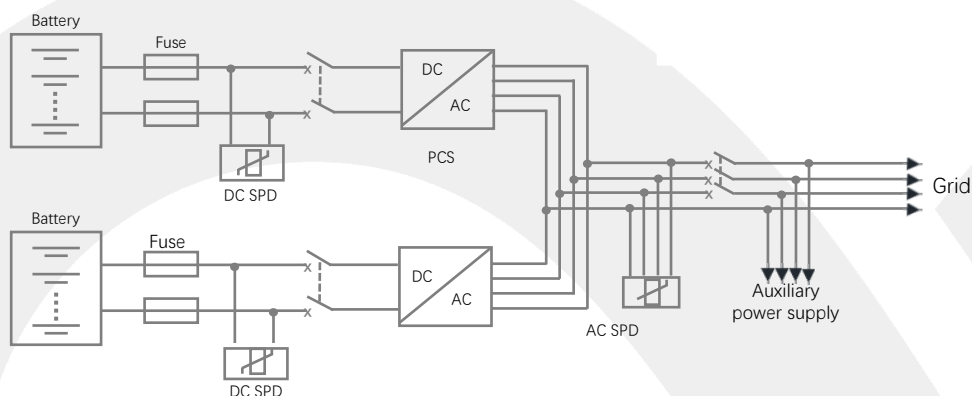


**Efficient and
Flexible**

- Pre-commissioning without excessive site work
- Support isolated grid operation
- Millisecond dynamic response



Electrical Diagram



Specification Parameters

Model	ReeXing GR430L	ReeXing GR482L
DC Side		
Cell type	LFP/280Ah	LFP/314Ah
Battery capacity (BOL)	430kWh	482kWh
Rated voltage	768V	768V
Battery voltage range	648~864V	648~864V
System configuration	240S1P×2	240S1P×2
AC Side		
Rated charge/discharge power	215kW	250kW
Rated voltage	400V	400V
Voltage range	360V~440V	360V~440V
Rated frequency	50Hz	50Hz
AC connction	3L+N+PE	3L+N+PE
System Parameter		
Dimension (W×H×D)	1870×2519×1500mm	
Weight	4200kg	
Cycle life	≥6000 cycles; @25±2°C,0.5P,SOH≥80%	
System efficiency	≥89% (Including subsidiary Power Consumption)	
Fire suppression system	NOVEC1230 (Support PACK level)+flammable gas detection + exhaust + Water Sprinkler System	
Cooling concept	Battery Room:liquid cooling 、 Electric Room:air 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.)	
IP rating	IP54	
Communication protocols	Modbus、IEC60870-5-104、4G (MQTT)	
Remote monitoring	Cloud EMS, mobile APP	
Anti-corrosion	C3	
No. off-grid parallel	≤4	
Compliance	UN38.3、IEC62619、UL9540A	
Application scenarios	Industrial and commercial energy storage ,microgrid, emergency power backup	