

ReeYue

GR5000L

GR3440L



Features



Safe and
Reliable



Intelligent and
Easy to Use



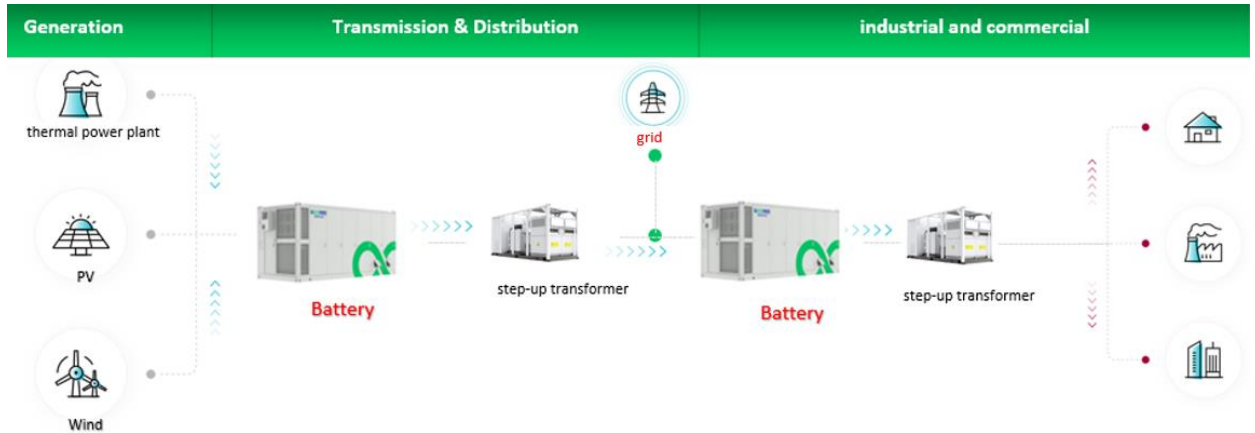
Efficient and
FLexible

- Smart liquid cooling system for efficient heat dissipation
- IP54 and C4 anti-corrosion design
- Three levels fire suppression mechanism
- Early-warning to battery cell base on Intelligent algorithm
- Battery capacity and discharge time prediction
- Cloud O&M, fast fault analysis and handling
- Pre-commissioning, with excessive site work
- The integrated design of the DC cabin
- Millisecond dynamic response



Applications of ESS

ESS (Energy Storage System) provides solutions for the application of the entire power supply system, including photovoltaic, wind power, thermal power, peak load and frequency regulation.



Specification Parameters

Model	ReeYue GR5000L	ReeYue GR3440L
DC Side		
Cell type	LFP/314Ah	LFP/280Ah
Battery capacity (BOL)	5015.96kWh	3440kWh
Rated voltage	1331.2V	1228.8V
Battery voltage range	1123.2~1497.6V	1075.2~1401.6V
System configuration	416S1P×12	384S1P×10
Weight	<43T	<35T
Demension(W×H×D)	6058×2896×2438mm	
Rated charge/discharge power	0.5P	
Max System Efficiency	94%	
Cycle performance	≥6000 cycles; @25±2°C,0.5P,SOH≥80%	
Fire suppression system	FK5112 (Support PACK level)+flammable gas detection + exhaust + Water Sprinkler System	
Cooling concept	Liquid cooling	
Operating ambient temperature range	-20~55°C	
Operating altitude	2,000m (When the altitude is between 2000-4000m, the output of the system will be de-rated.)	
IP rating	IP54	
Communication Protocol	Modbus TCP / Modbus RTU / CAN 2.0	
Communication Interface	Ethernet/RS485/CAN/Domestic 4G	
Remote monitoring	Cloud EMS, mobile APP	
Certifications	UN3536、UN38.3、IEC62619、UL9540A、UL1973	
Application scenarios	Utility, C&I energy storage	