GOOREE
GREEN THE FUTURE

ReeXing

GR129LH

MSDS UL IEC GB CE
UN38.3 RoHS ISO14001 ISO9001 ISO45000

Safe and Reliable

- Smart liquid cooling system for efficient heat dissipation
- Outdoor 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

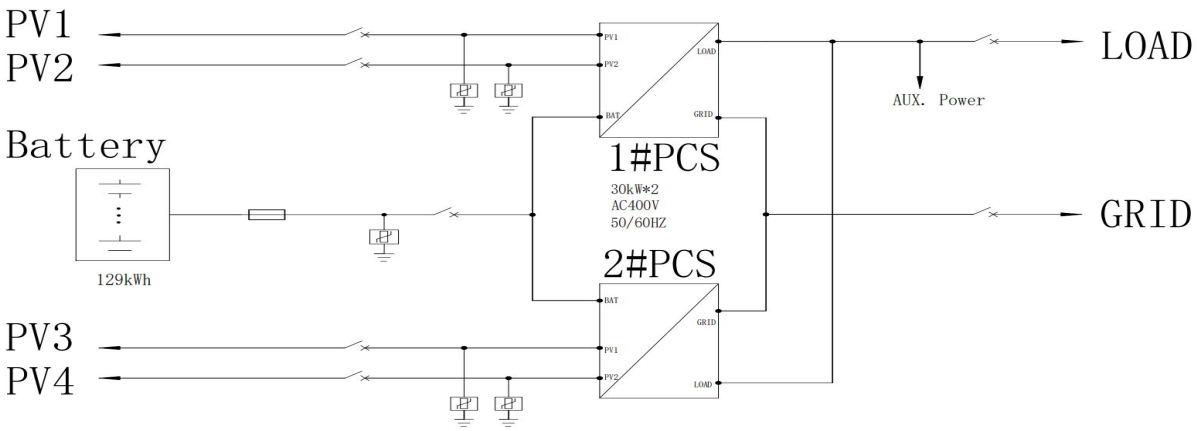
- Integrated design, plug and play
- Supports 4-way MPPT PV access
- Supports on-grid and off-grid switching ≤20ms

- 22F, BTR New Energy Technology Building,Guangyuan 2 Road, Guangming, Shenzhen
- Tel：0755-88658100　E-mail：sales@gooree.com
- Web： https://en.gooree.com

Facebook　LinkedIn

GOOREE
GREEN THE FUTURE

Electrical Diagram



Specification parameter

Model	ReeXing GR129LH
DC Side	
Cell type	LFP/280Ah
Battery capacity（BOL)	129kWh
Rated voltage	460.8V
Battery voltage range	388.8V~ 518.4V
Maximum current	100A
System configuration	144S1P
PV（Option)	
PV voltage range	250-850V
MPPT voltage range	200-800V
Number of MPPT inputs	4
Max. PV input power	79.8kW (19.2kW*4)
AC Side	
Rated charge/discharge power	60kW (30kW*2)
Rated voltage	400V/230V
Voltage range	-20% ~ 15%
Rated frequency	50Hz/60Hz
AC connection	3L+N+PE
System Parameter	
Dimension (W×H×D)	1100×2200×1500(mm)
Cycle performance	≥6000 cycles； @25±2℃,0.5P,SOH≥80%
Maximum RTE	≥88% (Including subsidiary Power Consumption)
Fire suppression system	NOVEC 1230 (Support PACK level)+flammable gas detection + exhaust + Water Sprinkler System
Cooling mode	Liquid cooling
Operating ambient temperature range	-20~55℃
Max. Working altitude	2,000m (de-rate between 2000-4000m)
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
Application scenarios	On-grid&off-grid, Industrial and commercial energy storage ,microgrid , emergency power backup