

ALL-IN-ONE

DISTRIBUTED
ENERGY STORAGE OUTDOOR
CABINET



Safe and reliable

- 3 levels / 20 fault strategies links with high-voltage protection
- Heat spread suppression technology is adopted for non igniting battery packs
- Pack Level Fire fighting technology for safer operation

Intelligent & friendly

- Online intelligent monitoring supports full temperature acquisition
- High-precision SOC equalization
- Cloud technology enables remote maintenance and monitoring

Efficient and flexible

- Modular design supports parallel connection and flexible capacity expansion for customer customization needs
- Plug-and-play integrated design saves on-site installation and commissioning costs
- Intelligent liquid cooling design improves system efficiency and battery cycle life



System parameters

Product model	REE372kWh-0020B-ES-L
Battery data	
Cell capacity	3.2V/280Ah
Rated energy capacity	372.736kWh
Rated voltage	1331.2V
Operating voltage range	1123.2~1497.6V
AC side (Grid)	
Rated output power	200kW
Max. output power	220kVA
Max. output current	184A
Rated AC voltage	690V
Grid voltage range	-15~+10%
Rated grid frequency	50 Hz
Power factor	> 0.99 at Rated power
THDi	≤ 3 (at Rated power)
DC component	< 0.5% (at Rated output current)
AC side (Off-Grid)	
Rated output power	200kW
Max. output power	220kVA
Max. output current	184A
Rated AC voltage	690V
Output voltage accuracy	1%
General Data	
Dimensions (W*H*D)	1400×2600×1350mm
Isolation method	Transformerless
Weight	4T
Degree of protection	IP54/IP55 (optional)
Corrosion protection grade	C3/C4 (optional)
Operating temperature range	-30 ~ 60 °C (> 40 °C derating)
Operating humidity range	0-95% (no condensation)
Cooling type	Liquid cooling
Fire fighting mode	Aerosol/Perfluorohexanone (optional)
Max. altitude	4000m (> 2000m derating)
Communication protocol	Modbus-TCP/Modbus-RTU/IEC104
Communication interface	RS485/Ethernet

The specifications are subject to change without further notice.