



**1kwh – 5kwh**

| Product Model               | GRE-???                            |
|-----------------------------|------------------------------------|
| Battery side                |                                    |
| Cell Capacity               | 100Ah                              |
| Cell Chemistry              | LFP                                |
| Nominal Voltage             | 12V – 51.2V                        |
| Nominal Capacity            | 1kWh-5.2kW                         |
| Supported Charge            | ≤ 0.2C                             |
| Supported Discharge Rate    | ≤ 0.5C                             |
| Protection                  |                                    |
| Overvoltage Protection      | Yes                                |
| Overcurrent Protection      | Yes                                |
| Short-circuit Protection    | Yes                                |
| Over-temperature Protection | Yes                                |
| General Data                |                                    |
| Max. Efficiency             | ≤ 94% (Excluding self-consumption) |
| Operating Temperature Range | -20 to 50°C                        |
| Operating Humidity Range    | 0 - 95%RH                          |
| Noise                       | ≤ 75dB                             |
| Dimensions (W*H*D)          | 500*500*177mm                      |
| Weight                      | 50Kg                               |
| Protection Degree           | IP55                               |
| Cooling Method              | Air Cooling                        |
| Fire Protection Method      | Pack-level                         |
| Max. Operating Altitude     | ≤ 2,000m                           |
| Networking Mode             | LAN                                |