

## UN38.3 检测符合性证明

# UN38.3 Test Compliance Certificate

Renogy-issued summary of independent laboratory test evidence

|                                  |                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 品牌／出具方<br>Brand / Issuer         | RENOGY / RNG International Inc.                                                                                                                                                                                                                                                                                                      |
| 出具方地址及联系<br>Issuer Contact       | 5050 S Archibald Ave, Ontario, CA 91762, United States<br>Tel: +1 (909) 287 7111   Email: support@renogy.com<br>Website: www.renogy.com                                                                                                                                                                                              |
| 样品名称<br>Sample Name              | Rechargeable Lithium Iron Phosphate Battery Pack                                                                                                                                                                                                                                                                                     |
| 样品型号<br>Sample Model             | RBT12200LFP-M                                                                                                                                                                                                                                                                                                                        |
| 类别／额定参数<br>Type / Rating         | Lithium-ion (LiFePO4)   12.8 V   200 Ah   2560 Wh<br>Mass: Approx. 19.04 kg                                                                                                                                                                                                                                                          |
| 外观描述及尺寸<br>Physical Description  | Enclosed rechargeable battery pack; 383.9 x 193.8 x 253.0 mm                                                                                                                                                                                                                                                                         |
| 独立检测机构<br>Testing Laboratory     | CES - Test Center of Shenzhen Advanced National Engineering Research Center of Storage Materials Co., Ltd.<br>A, 1st Floor, Building B, Xinyongfeng Industrial Park, No. 2 Tianbao Road, Shiyao Street, Baoan District, Shenzhen, Guangdong, China<br>Tel: +86 755 22678310<br>Email: service@cescert.com   Website: www.cescert.com |
| 原始报告编号及日期<br>Original Report No. | CESUN250723004<br>Issued: 2025-08-27                                                                                                                                                                                                                                                                                                 |
| 测试依据<br>Test Standard            | ST/SG/AC.10/11/Rev.8, Part III, subsection 38.3                                                                                                                                                                                                                                                                                      |

### Test Conclusion / 检测结论:

RNG International Inc. confirms, on the basis of the report(s) identified above, that the documented battery type meets the applicable UN38.3 tests. This certificate applies to the design/configuration covered by that evidence.

|                         |      |                                  |      |
|-------------------------|------|----------------------------------|------|
| T.1 Altitude simulation | PASS | T.5 External short circuit       | PASS |
| T.2 Thermal test        | PASS | T.6 Impact / crush (crush route) | PASS |
| T.3 Vibration           | PASS | T.7 Overcharge                   | PASS |
| T.4 Shock               | PASS | T.8 Forced discharge             | PASS |

T.6/T.8: component-cell tests. 38.3.3(f)/(g): no assembled-battery exemption invoked.

出具方签字及盖章

For and on behalf of RNG International Inc.

Source signatory (facsimile): Nico Yu

Position: Certification Supervisor

Nico Yu



Signature and seal facsimiles reproduced from Renogy declaration records.