## **UN 38.3 Lithium Battery Test Summary**

## Cell, Battery or Product Model Number

Item Number: GLAB20HP

Item Name: 20V Lithium-Ion battery pack 2000mAh

## Cell, battery, or product manufacturer's contact information

Name: ShangHai Topower Industrial Co.,Ltd.

Address: No.8 Jiangong Road, Xingta Industrial Zone, Jinshan District

City: Shanghai State: ZIP: 201502 Country: P.R.China

Telephone: 0086-21-67361139 E-mail: zhoumeihua@topowerweb.com Website: www.topowerweb.com

## **Test Laboratory**

Name: Intertek Testing Services Shanghai

Address: Building No.86, 1198 Qinzhou Road(North)

City: Shanghai State: ZIP: 200233 Country: P.R.China

Telephone: 4008869926 E-mail: service.china@intertek.com Website: www.intertek.com.cn

| Cell  | or Ba | ttery Description                |      |      |  |
|---|-------|----------------------------------|------|------|--|
| Cell or Battery: Li-ion Battery Pack              |       |                                  |      |      | Physical Description (dimensions, appearance):   |
| Cell or Battery Type: B107-20LiC                  |       |                                  |      |      |  |
| Watt-hour rating or Lithium Content: 2000mAh 37Wh |       |                                  |      |      | Black plastics cement shell  |
| Completed Cell or Battery Weight: 0.355kg         |       |                                  |      |      |  |
| Unique Test Report ID Number: 170500247SHA-001    |       |                                  |      | )1   | Date of test report: 2017-5-25   |
|   |       | List of Tests Completed:         |      |      |  |
| Yes   | No    |                                  | Pass | Fail | Additional Comments (or indicate compliance with other standards, e.g.,<br>Underwriters Laboratory):         |
| Yes   |       | Test T.1: Altitude simulation    | Yes  |      |  |
| Yes   |       | Test T.2: Thermal test           | Yes  |      |  |
| Yes   |       | Test T.3: Vibration              | Yes  |      | Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3 (f) and 38.3.3 (g)).        |
| Yes   |       | Test T.4: Shock                  | Yes  |      |  |
| Yes   |       | Test T.5: External short circuit | Yes  |      |  |
|   | No    | Test T.6: Impact/Crush           |      |      | Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any: |
| Yes   |       | Test T.7: Overcharge             | Yes  | 100  |  |
|   | No    | Test T.8: Forced discharge       |      | 3    |  |

Signature with name and title of signature as

an indication of the validity of information provided:

d. Date

General Manager

2020-8-20