

## BP2577 - UN38.3 LITHIUM BATTERY TEST SUMMARY

### FOR TRACER POWER BATTERY

1. **Battery Manufacturer –** Confidential and Proprietary Tracer Power information
2. **Product Manufacturer –** Tracer Power (see header)
3. **UN38.3 Test Lab -** SHENZHEN SEM. TEST TECHNOLOGY Co., LTD.  
1/F, Building A  
Hongwei Industrial Park  
Liuxian 2<sup>nd</sup> Road, Bao'an District  
Shenzhen, P.R.C (518101)  
CHINA  
Tel: +86 0755 33663308
4. **Test Report Number -** STR15019573S
5. **Date of Test Report -** 2<sup>nd</sup> February 2015
6. **Description of Battery -** 12v - 170Ah - 2040Wh  
LiFePO<sub>4</sub> – Model Number: BP2577  
Rectangular block - 17900g
  - Also used in BP2590 – Rectangular plastic case – 24850g
  - Also used in BP2790 – Rectangular plastic case – 25850g
7. **List of Tests & Results -**

Test 1 – Altitude Simulation -	<b>Pass</b>
Test 2 – Thermal Test -	<b>Pass</b>
Test 3 – Vibration-	<b>Pass</b>
Test 4 – Shock -	<b>Pass</b>
Test 5 – External Short Circuit -	<b>Pass</b>
Test 6 – Impact -	<b>Pass</b>
Test 7 – Overcharge-	<b>Pass</b>
Test 8 – Forced Discharge	<b>Pass</b>
8. **Testing Standard -** ST/SG/AC.10/11 Rev.5/Amend.2 Section 38.3
9. **Name & Title of Signatory -** Peter Turner: General Manager - Manufacturing

  
23<sup>rd</sup> Dec 2019