

## BP2580 - 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 -** STR14089009S
5. **Date of Test Report -** 18<sup>th</sup> August 2014
6. **Description of Battery -** 24v - 20Ah - 480Wh  
LiFePO<sub>4</sub> – Model Number: BP2580  
Rectangular block - 4429g
  - Also used in BP2585 – Rectangular plastic case – 7890g
  - Also used in BP2785 – Rectangular plastic case – 7890g
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