

Test Summary

UN 38.3 Lithium Battery Test Summary

Cell, Battery or Product Model Number				
Item Numbers:	BL2012	/ BL2022	/ BL2010	/ BL4011
Item Names:	BATTERY, 20V, 2.5AH / BATTERY, 20V, 5.0AH / BATTERY, 20V, 3.0AH / BATTERY, 40V, 2.5AH			

Cell, Battery or Product Manufacturer's contact information	
Name:	INGERSOLL-RAND COMPANY
Address:	800 Beaty St Building A
City:	Davidson State: NC Zip: 28036 Country: USA
Phone:	704-655-4000 email: website: https://company.ingersollrand.com/contact-us.html

Test Laboratory	
Name:	STL TECHNOLOGY CO., LTD.
Address:	UNIT 5, EXPORT PROCESSING ZONE, NO 200 SU HONG RD. SUZHOU INDUSTRIAL PARK
City:	SUZHOU State: Zip: 215021 Country: CHINA

Cell or Battery Description			
Cell or Battery:	BATTERY	Physical Description (dimension, appearance):	
Cell or Battery Type:	LITHIUM ION	DETACHABLE CORDLESS POWER TOOL RECHARGEABLE LITHIUM ION BATTERY	
Watt-hour Rating or Lithium Content:	50WH / 100WH / 60WH / 100WH		
Completed Cell or Battery Weight:	0.43KG / 0.73KG / 0.71KG / 0.69KG		
Unique Test Report ID Numbers:	SIP-1409001 / SIP-1409004 / SIP-1408001 / SIP-1410003	Date of Test Report:	SEPT 25, 2014 / SEPT 25, 2014 / AUG 30, 2014 / OCT 28, 2014

List of Tests Completed:					
Yes	No		Pass	Fail	Additional Comments (or indicate compliance with other standards, i.e. Underwriters Laboratory)
✓		Test T.1: Altitude simulation	✓		
✓		Test T.2: Thermal test	✓		
✓		Test T.3: Vibration	✓		Reference to assembled battery testing requirements, if applicable. (i.e. 38.3.3 (f) and 38.3.3 (g))
✓		Test T.4: Shock	✓		
✓		Test T.5: External Short Circuit	✓		
	✓	Test T.6: Impact/Crush	N/A		Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, in any: Fifth Revised Edition Amend.1 & Amend.2
✓		Test T.7: Overcharge	✓		
	✓	Test T.8: Forced Discharge	N/A		

 Global Engineering Director

Date: Dec 20, 2019

Signature with names and title of signatory as an indication of the validity of information provided:

Test Summary

UN 38.3 Lithium Battery Test Summary

Cell, Battery or Product Model Number	
Item Number:	BL1203
Item Name:	BATTERY, 12V, 2.0AH

Cell, Battery or Product Manufacturer's contact information	
Name:	INGERSOLL-RAND COMPANY
Address:	800 Beaty St Building A
City:	Davidson State: NC Zip: 28036 Country: USA
Phone:	704-655-4000 email: website: https://company.ingersollrand.com/contact-us.html

Test Laboratory	
Name:	Intertek Testing Services Taiwan Ltd.
Address:	5F, No. 423, Ruiguang Road, Neihu District
City:	TAIPEI State: Zip: Country: TAIWAN

Cell or Battery Description			
Cell or Battery:	BATTERY	Physical Description (dimension, appearance):	
Cell or Battery Type:	LITHIUM ION		DETACHABLE CORDLESS POWER TOOL RECHARGEABLE LITHIUM ION BATTERY
Watt-hour Rating or Lithium Content:	24WH		
Completed Cell or Battery Weight:	0.23KG		
Unique Test Report ID Number:	171100211TWN-001	Date of Test Report:	MARCH 12, 2018

List of Tests Completed:					
Yes	No		Pass	Fail	Additional Comments (or indicate compliance with other standards, i.e. Underwriters Laboratory)
✓		Test T.1: Altitude simulation	✓	✓	
✓		Test T.2: Thermal test	✓	✓	
✓		Test T.3: Vibration	✓	✓	Reference to assembled battery testing requirements, if applicable. (i.e. 38.3.3 (f) and 38.3.3 (g))
✓		Test T.4: Shock	✓	✓	
✓		Test T.5: External Short Circuit	✓	✓	
	✓	Test T.6: Impact/Crush	N/A		Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, in any: Sixth Revised Edition Corr.1
✓		Test T.7: Overcharge	✓	✓	
	✓	Test T.8: Forced Discharge	N/A		

 Hilary Haskett
 Global Engineering Director

Date: Dec 20, 2019

Signature with names and title of signatory as an indication of the validity of information provided:

Test Summary

REV	ECN	Description	Date	Drawn	Approved
A	1386041	Initial Release	20-DEC-2019	J.CHELLEW	J.CHELLEW