US: Davidson, NC 28036
EU: Lakeview Dr, IE Swords
AP: Singapore 629904
ingersollrandproducts.com

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:

US: Davidson, NC 28036
EU: Lakeview Dr, IE Swords
AP: Singapore 629904
ingersollrandproducts.com

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		

Global Engineering Director Date: Dec 20, 2019

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

US: Davidson, NC 28036
EU: Lakeview Dr, IE Swords
AP: Singapore 629904
ingersollrandproducts.com

Test Summary

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