

Test Summary

UN 38.3 Lithium Battery Test Summary

Cell, Battery or Product Model Number						
Item Numbers:	BL2012	/ BL2022	/ BL4011	/BL2013	/BL2023	/ BL4013
Item Names:	BATTERY, 20V, 2.5AH / BATTERY, 20V, 5.0AH / BATTERY, 40V, 2.5AH / BATTERY, 18V, 2.8AH / BATTERY, 18V, 3.6AH / BATTERY, 36V, 2.8AH					

Cell, Battery or Product Manufacturer's contact information	
Name:	Ingersoll-Rand Industrial U.S.
Address:	800 Beatty St Building A
City:	Davidson State: NC Zip: 28036 Country: USA
Phone:	704-655-4000 email: IRToolHelp@irco.com 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
Phone:	+886-7-841-1501 email: stl@stl-tech.com website: www.stl-tech.com

Cell or Battery Description	
Cell or Battery:	BATTERY
Cell or Battery Type:	LITHIUM ION
Watt-hour Rating or Lithium Content:	50WH / 100WH / 100WH / 50WH / 101WH / 101WH
Completed Cell or Battery Weight:	0.43KG / 0.71KG / 0.69KG / 0.43kg/0.69KG / 0.69KG
Unique Test Report ID Numbers:	SIP-1409001 / SIP-1409004 / SIP-1408001 / SIP-1410003 / TW2109007-001/TW2109005-001 / TW2109006-001
Physical Description (dimension, appearance):	
Detachable and Rechargeable Lithium Ion Battery for a Cordless Power Tool	
Date of Test Report: SEPT 25, 2014 / SEPT 25, 2014 / AUG 30, 2014 / OCT 28, 2014 / SEP 30, 2021 / SEP 30, 2021	

List of Tests Completed:				
Yes	No		Pass	Fail
✓		Test T.1: Altitude simulation	✓	
✓		Test T.2: Thermal test	✓	
✓		Test T.3: Vibration	✓	
✓		Test T.4: Shock	✓	
✓		Test T.5: External Short Circuit	✓	
	✓	Test T.6: Impact/Crush	N/A	
✓		Test T.7: Overcharge	✓	
	✓	Test T.8: Forced Discharge	N/A	

Test Summary

JOHN LINEHAN, Global Engineering Director, FEB 01, 2022

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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 Industrial U.S.
Address:	800 Beatty St Building A
City:	Davidson
State:	NC
Zip:	28036
Country:	USA
Phone:	704-655-4000
email:	IRToolHelp@irco.com
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
Phone:	+886-2-6602-2888
email:	gloria.sun@intertek.com
website:	http://www.intertek-twn.com/

Cell or Battery Description	
Cell or Battery:	BATTERY
Cell or Battery Type:	LITHIUM ION
Watt-hour Rating or Lithium Content:	24WH
Completed Cell or Battery Weight:	0.23KG
Unique Test Report ID Number:	171100211TWN-001
Physical Description (dimension, appearance):	
Detachable and Rechargeable Lithium Ion Battery for a Cordless Power Tool	
Date of Test Report: MARCH 12, 2018	

List of Tests Completed:				
Yes	No		Pass	Fail
✓		Test T.1: Altitude simulation	✓	
✓		Test T.2: Thermal test	✓	
✓		Test T.3: Vibration	✓	
✓		Test T.4: Shock	✓	
✓		Test T.5: External Short Circuit	✓	
	✓	Test T.6: Impact/Crush	N/A	
✓		Test T.7: Overcharge	✓	
	✓	Test T.8: Forced Discharge	N/A	

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JOHN LINEHAN, Global Engineering Director, FEB 01, 2022

REV	ECN	Description	Date	Drawn	Approved
C	1386041	Initial Release	20-DEC-2019	J.CHELLEW	J.CHELLEW
D	1405501	Added missing email addresses, websites, phone numbers.	07-AUG-2020	J.CHELLEW	J.CHELLEW
E	1448911	REVISED TO ADD GEN 3 BATTERIES	01-FEB-2022	VAIRAV S	J.CHELLEW