

## UN 38.3 Lithium Battery Test Summary

### Cell, Battery or Product Model Number

<b>Item Number:</b>	CH27312	<b>Item Name:</b>	40V Commercial 12Ah Battery
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### Cell, Battery or Product Manufacturer's Contact Information

<b>Name:</b>	Techtronic Industries (Dongguan) Co., Ltd.		
<b>Address:</b>	No. 2, Huijing Road, Houjie Town		
<b>City:</b>	Dongguan City	<b>State:</b>	Guangdong
<b>Telephone</b>	(86-769) 8272 8888		<b>E-mail:</b> <a href="mailto:untestreport@ttigroup.com">untestreport@ttigroup.com</a>
<b>Website:</b>	<a href="https://www.ttigroup.com/">https://www.ttigroup.com/</a>		

### Test Laboratory

<b>Name:</b>	CVC		
<b>Address:</b>	No. 3, Tiantaiyi Road, Kaitai Avenue		
<b>City:</b>	Science City	<b>State:</b>	Guangzhou
<b>Telephone</b>	020 32293888		<b>E-mail:</b> <a href="mailto:office@cvc.org.cn">office@cvc.org.cn</a>
<b>Website:</b>	<a href="http://www.cvc.org.cn">http://www.cvc.org.cn</a>		

### Cell or Battery Description

<b>Cell or Battery:</b>	Lishen LR2170LA	<b>Physical Description (dimensions, appearance):</b>
<b>Cell or Battery Type:</b>	Lithium Ion	
<b>Watt-Hour Rating:</b>	432Wh	
<b>Battery Weight:</b>	2789.59 g	
<b>Lithium Content:</b>	36.00 g	
<b>Unique Test Report ID Number:</b>	RZUN2021-1154	<b>Date of Test Report:</b> 3/24/2021



### List of Tests Completed:

Yes	No		Pass	Fail	Additional Comments (or indicate compliance with other standards, e.g., Underwriters Laboratory):
x		<b>Test T.1: Altitude Simulation</b>	x		
x		<b>Test T.2: Thermal Test</b>	x		
x		<b>Test T.3: Vibration</b>	x		
x		<b>Test T.4: Shock</b>	x		
x		<b>Test T.5: External Short Circuit</b>	x		
x		<b>Test T.6: Impact/Crush</b>	x		
x		<b>Test T.7: Overcharge</b>	x		
x		<b>Test T.8: Forced Discharge</b>	x		

### Reference to assembled battery testing requirements, if applicable (i.e., 38.3.3 (f) and 38.3.3 (g)).

N/A

### Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any:

ST/SG/AC.10/11/Rev.7/Section 38.3

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

Date: 3/24/2021

Patrick Diana, Sr. Engineering Manager

*Patrick Diana*