


UN 38.3 Lithium Battery Test Summary

Cell, Battery or Product Model Number					
Item Number:	CH27312	Item Name:	40V Commercial 12Ah Battery		
Cell, Battery or Product Manufacturer's Contact Information					
Name:	Techtronic Industries (Dongguan) Co., Ltd.				
Address:	No. 2, Huijing Road, Houjie Town				
City:	Dongguan City	State:	Guangdong	ZIP:	523945
Country:	P.R. China				
Telephone:	(86-769) 8272 8888		E-mail:	untestreport@ttigroup.com	
Website:	https://www.ttigroup.com/				
Test Laboratory					
Name:	CVC				
Address:	No. 3, Tiantaiyi Road, Kaitai Avenue				
City:	Science City	State:	Guangzhou	ZIP:	510663
Country:	P.R. China				
Telephone:	020 32293888		E-mail:	office@cvc.org.cn	
Website:	http://www.cvc.org.cn				
Cell or Battery Description					
Cell or Battery:	Lishen LR2170LA		Physical Description (dimensions, appearance): 		
Cell or Battery Type:	Lithium Ion				
Watt-Hour Rating:	432Wh				
Battery Weight:	2789.59 g				
Lithium Content:	36.00 g				
Unique Test Report ID Number:	RZUN2021-1154		Date of Test Report:	3/24/2021	
List of Tests Completed:					
Yes	No		Pass	Fail	Additional Comments (or indicate compliance with other standards, e.g., Underwriters Laboratory): N/A
x		Test T.1: Altitude Simulation	x		
x		Test T.2: Thermal Test	x		
x		Test T.3: Vibration	x		
x		Test T.4: Shock	x		
x		Test T.5: External Short Circuit	x		
x		Test T.6: Impact/Crush	x		
x		Test T.7: Overcharge	x		
x		Test T.8: Forced Discharge	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 <i>Patrick Diana</i>