

Prüfbericht-Nr.: <i>Test report no.:</i>	CN25J99B 001	Auftrags-Nr.: <i>Order no.:</i>	48281611	Seite 1 von 14 Page 1 of 14
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2025-08-07	
Auftraggeber: <i>Client:</i>	Taiwan Truewin Technology Co., Ltd. 9F., No.176, Sec. 2, Gongdao 5th Rd., East Dist., Hsinchu City, 300046 Taiwan Website: www.true-win.com.tw Email: sales@true-win.com			
Prüfgegenstand: <i>Test item:</i>	Rechargeable Li-ion Battery			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	TW-BP-2450B (CE)			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	United Nations Manual of Tests and Criteria, Seventh revised edition, Section 38.3			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2022-11-02			
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003364664-001 to -008			
Prüfzeitraum: <i>Testing period:</i>	2022-11-02 - 2022-12-07			
Ort der Prüfung: <i>Place of testing:</i>	See following pages			
Prüflaboratorium: <i>Testing laboratory:</i>	Taoyuan Testing Laboratories			
Prüfergebnis*: <i>Test result*:</i>	Pass			
zusammengestellt von: compiled by:			genehmigt von: authorized by:	
Datum: Date: 2025-09-16	Signed by: Dennis H. P. Chiu		Ausstellungsdatum: Issue date: 2025-09-16	Signed by: Bruce C.C. Tsai
Stellung / Position:	Project Engineer		Stellung / Position:	Authorizer
Sonstiges / <i>Other:</i>				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

Test item description	Rechargeable Li-ion Battery
Trade Mark	
Manufacturer	Taiwan Truewin Technology Co., Ltd. 9F., No.176, Sec. 2, Gongdao 5th Rd., East Dist., Hsinchu City, 300046 Taiwan
Model/Type reference	TW-BP-2450B (CE)
Ratings	DC 25.6V, 50Ah, 1.28kWh

List of Attachments (including a total number of pages in each attachment):

N/A

Summary of testing:				
Tests performed (name of test and test clause):				Testing location:
Test	Results			All tests as described in Test Case and Measurement Sections were performed at the laboratory described as below: TÜV Rheinland Taiwan Ltd., Taoyuan Testing Laboratories 4F-1, No. 38, Huaya 1st Road, Guishan District, Taoyuan City 333, Taiwan
	Pass	Fail	N/A	
T.1: Altitude simulation	☒	☐	☐	
T.2: Thermal Test	☒	☐	☐	
T.3: Vibration	☒	☐	☐	
T.4: Shock	☒	☐	☐	
T.5: External short circuit	☒	☐	☐	
T-6: Impact / crush	☐	☐	☒	
T-7: Overcharge*	☐	☐	☒	
T-8: Forced discharge	☐	☐	☒	
☐ 38.3.3 (f) applied ☐ 38.3.3 (g) applied				
*Note: T-7 The battery is not equipped with overcharge protection.				
The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.				