



PI Manufacturing  
20732 Currier Road  
Walnut, CA 91789

### UN38.3 Compliance

In accordance to compliance requirements, PI Manufacturing certifies that RV2032B (CR2032) has passed all requirements and testing to UN38.3. The following testing is provided below:

Battery Information			
Name		Lithium Manganese Dioxide Button Cell	
Type	CR2032	Original Tested Type	/
Nominal Voltage	3.0	Capacity / Energy	240mAh
Description	Primary Li-Metal Cell	Li Content	0.067
Mass (kg)	0.0031	Appearance	Silvery Button Metal Shell

Test Information			
Original Test Report No.	1119060133	Date of Test Report	2019-08-12
Test Standard		United Nations "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria 38.3  ST/SG/AC.10/11/Rev.6/Amend.1	
T.1 Altitude Simulation	Passed	T.2 Thermal Test	Passed
T.3 Vibration	Passed	T.4 Shock	Passed
T.5 External Short Circuit	Passed	T.6 Crush	Passed
T.7 Overcharge	/	T.8 Forced Discharge	Passed
38.3.3 (f)	/	38.3.3 (g)	/
Conclusion		The tested samples meet the requirements of test items of the UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1 38.3	

Issue Date: **2019-12-07**

Startech Part Number: RV2032B

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<b>Confirmations (Internal Use)</b>	
UN Test 38.3 has been successfully completed and a written test summary is available	<b>Yes</b>
Manufactured using a qualified QM program	<b>Yes</b>
Written proof of compliance	<b>Yes</b>

Date Confirmed / Verified: 1/16/2020

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