

リチウムイオン電池認証書 (類似機種用) Lithium-ion cell or battery(polymer) cell or battery Certification for Similar Models

No:SEW-PC1350
Date:13.01.15

1. 単電池/cell 組電池/battery(pack) (セル構成/composition of cell : 2P4S)
2. 機種名/customer model name : 45N1168 Sony model name : LIS8231LVPCA
3. 顧客名/customer : Lenovo
4. 定格/rated

項目/item	規格値/specification	備考/remarks
公称電圧/nominal voltage	14.8V	
公称容量/nominal capacity	3180mAh	
エネルギー量(Wh) /Watt-hour	47Wh	単電池/cells ≤20Wh 組電池/batteries≤100Wh

5. 類似機種及び試験結果/Similar Model and Test Result

- 1) 類似機種名/Similar Model (Sony model name) : LIS8231(14.8V 47Wh)
- 2) 試験結果/Test Result

国連勧告テスト結果/Test results of the UN Recommendations on the Transport of Dangerous Goods

国連勧告テスト及び判定基準 (38.3 リチウム電池)		テスト結果/ test results	備考/remarks
NO	テスト項目 test item		
T1	高度シミュレーション/Altitude simulation	OK	
T2	温度試験/Thermal test	OK	
T3	振動/Vibration	OK	
T4	衝撃/Shock	OK	
T5	外部短絡/External short circuit	OK	
T6	内部短絡/Impact	OK	
T7	過充電/Overcharge	OK	単電池は対象外/for pack only
T8	強制放電/Forced discharge	—	組電池は対象外/for cell only

試験実施日/Tested Date : 2012/06/05~2012/06/14

梱包試験実施日/Tested Date for Package : 2012/05/28~2012/05/31

上記テスト結果は国連勧告試験(Manual of Tests and Criteria 5th revised edition,Part III, sub-section 38.3)に従い確認した結果であることを証明いたします。

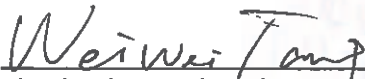
We, Sony Corporation Energy Business Group, hereby certify that above results are confirmed in accordance with the Manual of Tests and Criteria of the UN Recommendations on the Transport of Dangerous Goods, 5 th, Part III, sub-section 38.3.

3) 類似機種とのエネルギー量 (Wh)、電圧比率/Ratios for Watt-hour, Voltage

類似機種に対して、エネルギー量(Wh)が±20%以内、電圧が+20%以内の変化率を証明します。

We certify the change of the subject model to the similar model is in Watt-hours of less than 20% and the increase in voltage of less than 20%.

LIS8231LVPCA/LIS8231LVPC : エネルギー量 (Wh) 比/Watt-hour Ratio=100%、
電圧比/Voltage Ratio=100%


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