欧盟法规符合性声明
EU declaration of conformity

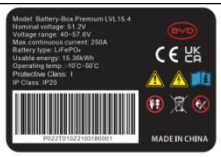
编号：20240802-003
NO: 20240802-003

1. 电池型号：Battery-Box Premium LVL 15.4
   Battery model: Battery-Box Premium LVL 15.4
   产品类别：锂离子电池
   Product category: Lithium ion batteries

2. 制造商名称：深圳比亚迪电子有限公司
   Manufacturer: Shenzhen BYD Electronics Co., Ltd.
   地址：深圳市大鹏新区葵涌街道延安路1号
   Site: NO.1, Yan'an Road, Kuichong, Dapeng, Shenzhen, P.R. China

3. 本合格声明由制造商全权负责发布
   This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. 声明对象：电池箱
   Subject of declaration: Battery-Box Premium LVL 15.4
   电池系统由多个模块组成，包括：电芯、线束、电路板和机箱
   The battery system contains modules, including: cells, wiring harness, PCBA and case

	Dimensions(W*D*H): 650 mm*575 mm*670 mm		Nominal Capacity: 300 Ah
	Nominal Voltage: 51.2 V		weight: 168 kg

5. 第4点所述的声明对象符合相关的欧盟协调立法：(EU)2023/1542、2014/53/EU、2011/65/EU, including its amendment(EU)2015/863、(EC) No 1907/2006
   The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation legislation: (EU)2023/1542, 2014/53/EU, 2011/65/EU, including its amendment (EU)2015/863, (EC) No 1907/2006

6. 采用的其他相关统一标准或通用规范的索引，或其他与合格声明相关的技术规范的索引：IEC62619, IEC62040, UKCA, UN38.3, EN61000-6
   References to the relevant harmonised standards or the common specifications used or references to the other technical specifications in relation to which conformity is declared: IEC62619, IEC62040, UKCA, UN38.3, EN61000-6

7. 电化学性能及耐久性参数：
   Electrochemical performance and durability parameters:

额定容量/衰减率 Rated capacity / attenuation rate	300 安时/参考质保[*1] 300 Ah / Refer to Limited warranty[*1]
持续充电/放电功率[*2] Cont. charge / discharge power[*2]	12.8 千瓦 12.8 kW
充电/放电衰减率 Charge/discharge power decay rate	0
初始内阻/增加率 Initial internal resistance / increase rate	小于 0.8 欧姆 / 10 年，3650 周循环后，增加 15% ≤ 0.8 mΩ / Increase 15% (after 10 years and 3650 cycles)
初始/末期循环效率 Initial / end cycle efficiency	95% / 10 年，3650 次循环后，降低至 94% 95% / 94% (after 10 years and 3650 cycles)
在设计条件下的预计寿命 Expected life under design conditions	参考质保[*1] Refer to Limited warranty[*1]

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*1. 质保可以在网站：www.bydbatterybox.com/downloads 下载
Limited warranty can be download on the website: www.bydbatterybox.com/downloads

*2. 充电/放电功率降额将与温度和 SOC 相关
Charge/Discharge power derating will occur related to Temperature and SOC

8. 固定式电池储能系统安全适用的标准
Standards applied of Safety of stationary battery energy storage systems.

编号 No.	测试项目 Test project	Quantity	Test Result
1	热冲击和循环测试 Thermal shock and cycling	1 PKS	■Pass ☐Fail
2	外部短路保护 External short circuit protection	1 PKS	■Pass ☐Fail
3	过充保护 Overcharge protection	1 PKS	■Pass ☐Fail
4	过放保护 Over-discharge protection	1 PKS	■Pass ☐Fail
5	过热保护 Over-temperature protection	1 PKS	■Pass ☐Fail
6	热扩散保护 Thermal propagation protection	1 PKS	■Pass ☐Fail
7	外力影响造成的机械损坏 Mechanical damage by external forces	1 PKS	■Pass ☐Fail
8	内部短路 Internal short circuit	1 PKS	■Pass ☐Fail
9	热滥用 Thermal abuse	1 PKS	■Pass ☐Fail
10	防火测试 Fire test	1 PKS	■Pass ☐Fail
11	气体排放 Emission of gases	1 PKS	■Pass ☐Fail

9. 其他信息
Additional information

公司代表人签名 Signature of Authorized Company Representative	
头衔 Title	品质部经理 Manager of Quality Department
签发地点 Place of issue	深圳 Shenzhen
日期 Date of issue	2024-08-05

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