

UN38.3 Lithium Battery Test Summary

Name of product and manufacturer

Equipment Li-Ion (LiFePO₄) batteries by Exide Technologies

Address of manufacturer

Exide Technologies SAS, 5 allée des Pierres Mayettes, 92636 Gennevilliers, France

www.exidegroup.com , Tel: +33 1 41 21 23 00 , serviceclients@exidegroup.com

Address of test laboratories:

ATS Electronic Technology Co. LTD., 523852 3/F., Building A, No. 1, Hedong 3rd Road, Jinxia Community, Changan, Dongguan, Guangdong, China

Tel: +86 769 3897 5958 , ats@dgats.com

GDUTL STANDARD CO., LTD

No.42,Fulai Road,Liaobu Town,Dongguan City, Guangdong Province, China

Tel : 86-769-3893 3228, utl@gdutl.com

Description of Lithium-Ion batteries

Name of battery	Report Number UN38.3	Battery Specs	Mass
EV640 – EV640S	ATSU220104731 fr. 2022-02-14	12,8V 50Ah, 640Wh	9,0kg
EV1250 – EV1250S	ATSU220104721 fr. 2022-01-20	12,8V, 96Ah, 1250Ah	12,6kg
EV1300 – EV1300S	ATSU220104741 fr. 2022-02-14	12,8V 100Ah, 1300Wh	12,1kg
EV2500 – EV2500S	ATSU220104751 fr. 2022-02-14	12,8V, 200Ah, 2500Wh	25,7kg
EV1300/24 – EV1300S/24	ATSU220104761 fr. 2022-02-15	25,6V, 50Ah, 1300Wh	12,0kg
EV3800/36 – EV3800S/36	ATSU220104771 fr. 2022-02-15	38,4V, 100Ah, 3800Wh	35,5kg
EV1920S	RN2202510196 010 2025-10-31	12,8V, 150Ah, 1920Wh	15,5Kg

Testing standard UN38.3

Name of battery Name of test	EV640 – EV640S	EV1250 – EV1250S	EV1300 – EV1300S	EV2500 – EV2500S	EV1300/24 – EV1300S/24	EV3800/36 – EV3800S/36	EV1920S
T1 - Altitude simulation	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T2 - Thermal test	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T3 - Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T4 - Shock	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T5 - External Short circuit	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T6 - Impact/Crush	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T7 - Overcharge	Pass	Pass	Pass	Pas	Pass	Pass	Pass
T8 - Forced discharge	Pass	Pass	Pass	Pass	Pass	Pass	Pass

We hereby certify that Equipment Li-ion batteries provided by Exide Technologies SAS are designed and produced in order to fulfill the requirements of the European Directive 2006/66/EC, the European Battery Regulation (EU) 2023/1542, the European Directive 2001/95/EC, the European Regulation 1103/2010, the European Directive 2014/30/EU, the Radio Equipment Directive (RED) 2014/53/EU and the UNITED NATIONS "Manual of Tests and Criteria", Seventh revised edition (ST/SG/AC. 10/11/Rev.7), Section 38.3: Lithium metal and lithium-ion batteries.



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