

UN38.3 Lithium Battery Test Summary

Name of product and manufacturer

Li-Ion LiFePO4 batteries by Exide Technologies SAS

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

Pony International Testing Group, 3/F. of Building 2, Building 1, Xinhaosheng Industrial Park,
Yonghe Road, Qiaotou Community, Baoan District, Shenzhen, Guangdong, China

Intertek Testing Service Shanghai, building n.86, 1198 Qinzhou Road (North), 200233 Shanghai, China

National Supervision & Inspection Centre for Safety Quality of Chemicals and Chemical Articles, Shanghai Research Institute of
Chemical Industry Testing Centre, Shanghai Tech Chemical Industry Testing Co. LTD

Description of Lithium-Ion batteries

Name of battery	Report Number UN38.3	Battery Specs	Mass
ELTZ5S	Pony N.1012133-318-1 (2.4Ah, valid for all models +/- 20% of Wh rating)	12V / 2.0 Ah / 24 Wh	0.5 Kg
ELTZ7S		12V / 2.4 Ah / 28 Wh	0.6 Kg
ELTX9	Intertek 160700215SHA-001 (3.0Ah, valid for all models +/- 20% of Wh rating)	12V / 3.0 Ah / 36 Wh	0.7 Kg
ELT9B		12V / 3.0 Ah / 36 Wh	0.7 Kg
ELTX12	Pony N. E12282100521D (4.0Ah, valid for all models +/- 20% of Wh rating)	12V / 3.5 Ah / 42 Wh	0.8 Kg
ELTZ10S		12V / 4.0 Ah / 48 Wh	0.8 Kg
ELTX14H	Shanghai Tech N. 1113070211	12V / 4.0 Ah / 48 Wh	0.9 Kg
ELT12B	Intertek N. 160700215SHA-002 (5.0Ah, valid for all models +/- 20% of Wh rating)	12V / 5.0 Ah / 60 Wh	0.8 Kg
ELTZ14S		12V / 5.0 Ah / 60 Wh	1.0 Kg
ELTX20H	Pony N. E12282100321D	12V / 7.0 Ah / 84 Wh	1.3 Kg

Testing standard UN38.3

Name of battery Name of test	ELTZ5S	ELTZ7S	ELT9B	ELT12B	ELTX12	ELTZ10S	ELTX14H	ELTZ14S	ELTX9	ELTX20H
T1 - Altitude simulation	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T2 - Thermal test	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T3 - Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T4 - Shock	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T5 - External Short circuit	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T6 - Impact/Crush	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
T7 - Overcharge	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

We certify that 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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