

LITHIUM BATTERIES TEST SUMMARY IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA REVISION 8

	Module		Battery Assembly	
Product Manufacturer/Applicant	Applicant: Dometic Mobile Power Italy s.r.l. Via Giovanni Pascoli, 96/98 65010 - Cappelle sul Tavo (PE) P.IVA: 02065080687		Dometic Mobile Power Italy s.r.l. Via Giovanni Pascoli, 96/98 65010 - Cappelle sul Tavo (PE) P.IVA: 02065080687	
Product Description	Type:	Lithium iron phosphate (LiFePO4) Module	Type:	Lithium iron phosphate (LiFePO4) Battery
	Model:	510.P1P100VB040	Model:	TLB100S / TLB100SF
	Watt-hour:	1280 Wh	Watt-hour:	1280 Wh
	Physical Description:	LiFePO4 Battery Module 12,8V 100Ah 4S1P 173.5x137,5x205 mm	Physical Description:	LiFePO4 Battery 12,8V 100Ah 4S1P 273x190x175 mm
	Mass:	9 Kg	Mass:	11 Kg

The batteries have been successfully tested and comply with UN Model Regulations, Manual of Tests and Criteria, Part III, sub-section 38.3 ST/SG/AC 10/11/Rev.8.

Battery Assembly: ☐ Not applicable ☒ UN38.3.3 (f) ☐ UN38.3.3 (g)

Test Laboratory:

Laboratory (I)

GDUTL STANDARD Co.LTD
No.3 ,Yayuan Fuyuan Street, Nancheng district
Dongguan Guangdong, China
Email: uti@gduti.com
Tel: +39 0522 279310
Web site: www.gduti.com
Report No: US1000197201001
Date of Report: December of 2024

Laboratory (II)

InLab S.r.l
Via Ludwig Van Beethoven, 46/A
42122 Reggio Emilia (RE) (Italy)
Email: info@inlab.srl
Tel: +39 0522 279310
Web site: www.inlab.srl
Report No: 2506301837 rev.0
Date of Report: June of 2025

Laboratory (III)

Mate S.r.l
Via Traversa Valdichiana Est, 175/A
53049 Torrita di Siena (SI) (Italy)
Email: info@mate-lab.com
Tel: +39 0577 687802
Web site: www.mate-lab.com
Report Test T3 No: INL_100325_02_RP_003_00
Report Test T4 No: INL_100325_02_RP_003_00
Date of Report: June of 2025

PERFORMED TESTS		RESULTS			
		Module 38.3.3 (b)	Test Lab.	Battery Assembly 38.3.3 (f)	Test Lab.
38.3.4.1 (ref. T1)	Altitude Simulation	Passed	(I)	N/A	
38.3.4.2 (ref. T2)	Thermal Test	Passed	(I)	N/A	
38.3.4.3 (ref. T3)	Vibration	Passed	(I)	Passed	(III)
38.3.4.4 (ref. T4)	Shock	Passed	(I)	Passed	(III)
38.3.4.5 (ref. T5)	External Short Circuit	Passed	(I)	Passed	(II)
38.3.4.6 (ref. T6)	Impact/Crush	Passed	(I)	N/A	-
38.3.4.7 (ref. T7)	Overcharge	N/A	-	Passed	(II)
38.3.4.8 (ref. T8)	Forced Discharge	Passed	(I)	N/A	-

Date: 02.09.2025

Name: Marco Di Muzio

Title: Managing Director

DOMETIC MOBILE POWER ITALY SRL
L'amministratore

Signature