



## EC DECLARATION OF CONFORMITY

**18<sup>th</sup> of May, Vilnius 2023**

Declaring Organization name and address: EMUS, UAB  
 Zirmunu str. 139A  
 09120 Vilnius, Lithuania

Product Name: G1 BMS (Battery Management System)

Product Description: 1<sup>st</sup> Generation product family of EMUS designed battery management system.

Included product models: CU02\*\* - Control unit.  
 (\*\* - variables denoting the product variant)  
 CCGM02\*\* - Centralized CAN Cell Group Module.  
 CGM02\*\* - CAN Cell Group Module  
 DU01\*\* - Display Unit.  
 CS0\*\* - Current Sensor  
 CM02\*\* - Cell module  
 C3WC0\*\* - 3-way CAN splitter

The submitted sample of the above equipment has been tested and found to comply with the following European Directive: **Electromagnetic compatibility (EMC) directive 2014/30/ES**

The standard(s) used for showing compliance with the essential requirements:

Test Passed	Applicable standard	Test Report Number
Radiated emissions (broadband, narrowband)	ECE R 10 Rev. 6 Appendix 7 + 8	Test Report #421.197.1 Rev.0 EMC tests on the devices/equipment
Conducted transient emission	ECE R 10 Rev. 6 Appendix 10	
Immunity to electromagnetic radiation	ECE R 10 Rev. 6 Appendix 9	
Immunity to transients on supply lines	ECE R 10 Rev. 6 Appendix 10	
Radiated emissions	ISO 13766-1:2018 ISO 14982:1998	Test Report #421.197.2 Rev.0 EMC tests on the devices/equipment
Conducted transient emission	ISO 13766-1:2018 ISO 14982:1998	
Electrostatic discharge (powered up test)	ISO 13766-1:2018 ISO 14982:1998	
Electromagnetic field (ALSE)	ISO 13766-1:2018 ISO 14982:1998	
Electromagnetic field (BCI)	ISO 13766-1:2018 ISO 14982:1998	
Transients on supply lines	ISO 13766-1:2018 ISO 14982:1998	



Test Passed	Applicable standard	Test Report Number
Conducted emissions	IEC 61000-6-3:2020	Test Report #421.197.3 Rev.0 EMC tests on the devices/equipment
Radiated emissions	IEC 61000-6-3:2020	
Electrostatic discharge	IEC 61000-6-1:2016	
Electromagnetic field	IEC 61000-6-1:2016	
Electrical Fast Transient (Burst)	IEC 61000-6-1:2016	
Surge immunity	IEC 61000-6-1:2016	
Conducted disturbances, included by RF-fields	IEC 61000-6-1:2016	
Magnetic Field (power-frequency)	IEC 61000-6-1:2016	
Power Supply drop, short interruptions	IEC 61000-6-1:2016	

The following document is valid to above mentioned devices from the date when this Declaration of Conformity is issued. The mentioned products are marked with CE sign.

This certificate is part of the full test report(s) and should be read in conjunction with it. This certificate is based on an evaluation of Emus BMS system connected in two different topologies, one set of samples each. Without the written approval of EMUS, UAB, this certificate is not permitted to be reproduced, except in full.

Place of issue: 2023-05-18

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Mindaugas Milašauskas, Chief Executive Officer