



LIETUVOS  
NACIONALINIS  
AKREDITACIJOS  
BIURAS

BANDYMAI  
ISO/IEC 17025

Nr. LA.01.026

**LIETUVOS RESPUBLIKOS RYŠIŲ REGULIAVIMO TARNYBOS SPEKTRO IR ĮRENGINIŲ PRIEŽIŪROS  
DEPARTAMENTO ELEKTROMAGNETINIO SUDERINAMUMO SKYRIUS**  
**ELECTROMAGNETIC COMPATIBILITY DIVISION OF SPECTRUM AND EQUIPMENT SURVEILANCE DEPARTMENT  
OF COMMUNICATIONS REGULATORY AUTHORITY OF THE REPUBLIC OF LITHUANIA**

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Forma KV-10 19 pr.

APPROVED  
Head of Division

A.V.

Arvydas Giedraitis

**BANDYMŲ ATASKAITA**  
**TEST REPORT**

2023-03-31 No (29.1) PB-32

BANDOMASIS OBJEKTAS TEST ITEM	Battery management system
GAMINTOJAS MANUFACTURER	UAB "Gridup", Lithuania
TIPAS/MODELIS TYPE/MODEL	Enepaq Tiny BMS s516-150A/750A 1
IDENTIFIKAVIMO NUMERIS IDENTIFICATION NUMBER	EMS 6165 (laboratory assigned number)
UŽSAKOVAS APPLICANT	UAB "Gridup" Vilkpedes 4 03151 Vilnius Lithuania Tel. +370 633 34466 E-mail info@gridup.com
UŽSAKYMŲ NUMERIS ORDER NUMBER	3159
BANDYMŲ PRADŽIA START OF TESTS	2023-03-13
BANDYMŲ PABAIGA END OF TESTS	2023-03-14
LAPŲ SKAIČIUS NUMBER OF PAGES	9
ATASKAITOS PRIEDAI ANNEXES OF REPORT	1 (3 pages), 2 (2 pages), 3 (3 pages), 4 (6 pages)

Bandyamų rezultatai susiję tik su bandomuoju objektu. Be raštiško RRT sutikimo atskiras bandymų ataskaitos dalis dauginėti draudžiama.  
Test results relate only to the item tested. The test report shall not be reproduced except in full without written approval of the RRT.

**1. BANDYMŲ SUVESTINĖ**  
**SUMMARY OF TESTS**

<i>Test name</i>	<i>Normative documents</i>	<i>Test result</i>
<p><b><i>Electromagnetic disturbances:</i></b></p> <p>Radiated emissions in the frequency range from 30 MHz to 1 GHz</p>	<p>EN IEC 61326-1:2021 EN 55011:2016 EN 55011:2016/A1:2017 EN 55011:2016/A11:2020 EN 55011:2016/A2:2021</p>	<p>Pass</p>
<p><b><i>Electromagnetic immunity:</i></b></p> <p>Electrostatic discharge immunity test</p> <p>Radiated RF electromagnetic field immunity test in the frequency ranges from 80 MHz to 1 GHz and from 1.4 GHz to 6 GHz *</p>	<p>EN IEC 61326-1:2021 EN 61000-4-2:2009</p> <p>EN IEC 61326-1:2021 EN 61000-4-3:2006 EN 61000-4-3:2006/A1:2008 EN 61000-4-3:2006/A2:2010</p>	<p>Pass</p> <p>Pass</p>

Notes:

1. The applicant determined the extent of applied tests.
2. No applicant's representatives witnessed the tests.
3. The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k = 2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.
4. Compliance or non-compliance of an EUT with the electromagnetic disturbances requirements was determined using decision rules defined in clause 4.2 of standard EN 55016-4-2:2011+A1:2014+A2:2019.
5. Compliance or non-compliance of an EUT with the immunity requirements was determined using performance criteria defined in clause 6.4 of standard EN IEC 61326-1:2021.