

TEST REPORT

Application No.: SHEM2405002833BA
Applicant: RelyEZ Energy Storage Technology Co., Ltd.
Address of Applicant: A3603 Building 11A, Shenzhen Bay Science and Technology EcologicalPark, No.16 Keji SouthRoadNanshan District, Shenzhen, Guangdong, China
Manufacturer: Jiangsu RelyEZ Energy Storage Technology Co., Ltd.
Address of Manufacturer: 130 Tonggang Road, New District, Zhenjiang, Jiangsu, China
Factory: Jiangsu RelyEZ Energy Storage Technology Co., Ltd.
Address of Factory: 130 Tonggang Road, New District, Zhenjiang, Jiangsu, China
Equipment Under Test (EUT):
EUT Name: ESS(VenturePro 250)
Model No.: YXYK-125K/552314-L
Standard(s) : EN IEC 61000-6-4:2019
 EN IEC 61000-6-2:2019
Date of Receipt: 2024-07-10
Date of Test: 2024-07-10
Date of Issue: 2024-07-24

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



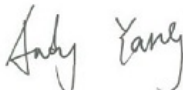
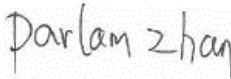
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

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Revision Record			
Version	Description	Date	Remark
00	Original	2024-07-24	/

Authorized for issue by:				
Tested By				
		Andy Yang / Project Engineer		
Approved By				
		Parlam Zhan / Reviewer		

2 Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	EN IEC 61000-6-4:2019	CISPR 16-2-1	Table 4	Pass
Radiated Emissions (30MHz-1GHz)	EN IEC 61000-6-4:2019	CISPR 16-2-3	Table 3.1	Pass
Immunity Part				
Item	Standard	Method	Requirement	Result
Electrostatic Discharge	EN IEC 61000-6-2:2019	EN 61000-4-2:2009	4kV Contact Discharge 8kV Air Discharge	Pass
Radiated Immunity (80MHz-1GHz, 1.4GHz-6GHz)	EN IEC 61000-6-2:2019	EN IEC 61000-4-3:2020	10V/m, 80%, 1kHz Amp. Mod. 3V/m, 80%, 1kHz Amp. Mod.	Pass
Electrical Fast Transients/Burst at Power Port	EN IEC 61000-6-2:2019	EN 61000-4-4:2012	2kV 5/50ns Tr/Td 5kHz Repetition Frequency	Pass
Electrical Fast Transients Burst at Signal Port	EN IEC 61000-6-2:2019	EN 61000-4-4:2012	1kV 5/50ns Tr/Td 5kHz Repetition Frequency	Pass
Surge at Power Port	EN IEC 61000-6-2:2019	EN 61000-4-5:2014+A1:2017	1.2/50µs Tr/Td 1kV Line to Line 2kV Line to Ground	Pass
Conducted Immunity at Power Port (150kHz-80MHz)	EN IEC 61000-6-2:2019	EN 61000-4-6:2014	10Vrms (emf),80%,1kHz Amp. Mod.	Pass
Conducted Immunity at Signal Port (150kHz-80MHz)	EN IEC 61000-6-2:2019	EN 61000-4-6:2014	10Vrms (emf),80%,1kHz Amp. Mod.	Pass
Voltage Interruptions	EN IEC 61000-6-2:2019	EN 61000-4-34:2007+A1:2009 (>16A)	For 50Hz 0 % UT for 250cycles UT is Supply Voltage	Pass

N/A: Not applicable