

= iSTORMY =

EUROPEAN COMMISSION

HORIZON 2020 PROGRAMME – TOPIC: Hybridisation of battery systems for
stationary energy storage

Interoperable, modular and Smart hybrid energy STORage system for stationarY
applications

GRANT AGREEMENT No. 963527



Deliverable Report

D4.4 – Report on the implementation, testing and
prototyping of universal EMS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 963527

Deliverable No.	iSTORMY D4.4	
Related WP	WP4	
Deliverable Title	Report on the implementation, testing and prototyping of universal EMS	
Deliverable Date	31-05-2023	
Deliverable Type	REPORT	
Dissemination level	Confidential (CO)	
Written By	Abdul Mannan Rauf (PWD)	30/05/2023
Checked by	Mohamed Abdel-Monem (PWD)	31/05/2023
Reviewed by	Mario Paroha (GW) Hakan Polat (VUB)	01/06/2023 01/06/2023
Approved by	Project Coordinator (VUB)	03/06/2023
Status	Final	

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Publishable summary

The iSTORMY project aims at developing an interoperable and modular Hybrid Energy Storage System (HES) by demonstrating various use cases and seamlessly interfacing the grid to provide multiple services. In this report, a detailed overview of the universal hardware EMS platform, implementation of the EMS, and communication channel interface is presented. The results from the laboratory testing are provided for the enhanced frequency response use case (UC1).