

## UN 38.3 Battery Test Summary

**UN recommendations on the transport of dangerous goods  
Manual of tests and criteria - Lithium metal and lithium ion batteries**

Product reference	<b>EXpand HV</b>
Battery manufacturer	Cegasa Energia SLU Marie Curie 1 Parque Tecnológico Miñano 01510 VITORIA (Spain) www.cegasa.com 34-945313738
UN 38.3 Test lab	Cegasa Safety Lab Marie Curie 1 Parque Tecnológico Miñano 01510 VITORIA (Spain)
Test report number	R25001
Date of test report	2025-02-25
Description of battery	LFP, 51.2 V, 280 Ah, 14.3 kWh 780 x 440 x 219.5 mm, 117 kg
UN 38.3 test conducted	Overcharge protection                      Pass Shock circuit protection                      Pass Over discharge protection                      Pass
Assembled battery testing requirements	UN 38.3.3.1 (g) Submodule (16S) Test report no. RZUN2024-12096
Edition of UN Manual Test and criteria UN 38.3 used	Revision 8
Name and title of signatory: Iñigo Atutxa CEO (Chief Executive Officer)	