

Evidence pack: HomeVault 10 (sample)

Sample Importer AB (fictional) | Model HV-512-200 | Category industrial | Capacity 10.24 kWh

Requirement set: EU Battery Passport: 71 data points (Commission guidance v2.0) (version 2026.08-cg2.0-draft.1). Generated 2026-10-01T09:07:49+00:00.

Industrial battery above 2 kWh: passport required from 18 February 2027 (Art. 77).

Complete	Needs review	Missing	Not applicable	Source-linked values
11	2	25	32	100 %

Compliance matrix

Requirement	Status	Value	Source / location	Verification	Next action / issues
1. Unique identifier BR Art. 77(3)	Missing	-	-	-	Request from supplier or enter manually
2. Responsible economic operator BR Art. 77(3)	Missing	-	-	-	Request from supplier or enter manually
3. Manufacturer name BR Annex VI A(1)	Complete	Shenzhen CellTech Co., Ltd.	CellTech_HV512_datasheet.pdf v1, p. 1	auto-accepted rule 0.84	Auto-accepted from source
4. Manufacturer postal address BR Annex VI A(1)	Missing	-	-	-	Request from supplier or enter manually
5. Manufacturer web and email BR Annex VI A(1), optional	Optional	-	-	-	Optional: provide if available
6. Battery category BR Annex VI A(2)	Complete	industrial	BalticPack_HomeVault10_export.csv v1, row 2, column 'Battery category'	auto-accepted rule 0.9	Auto-accepted from source
7. Model identification BR Annex VI A(2)	Complete	HV-512-200	BalticPack_HomeVault10_export.csv v1, row 2, column 'Model identification'	auto-accepted rule 0.9	Auto-accepted from source
8. Place of manufacture BR Annex VI A(3)	Complete	Shenzhen, Guangdong, China	CellTech_HV512_datasheet.pdf v1, p. 1	auto-accepted rule 0.84	Auto-accepted from source
9. Date of manufacture BR Annex VI A(4)	Complete	2026-05-14	BalticPack_HomeVault10_export.csv v1, row 2, column 'Date of manufacture'	auto-accepted rule 0.9	Auto-accepted from source
10. Weight BR Annex VI A(5)	Complete	98.5 kg	CellTech_HV512_datasheet.pdf v1, p. 2, table 1, row 4	auto-accepted rule 0.92	Auto-accepted from source
11. Capacity BR Annex VI A(6)	Complete	200 Ah	CellTech_HV512_datasheet.pdf v1, p. 2	auto-accepted rule 0.84	Auto-accepted from source

Requirement	Status	Value	Source / location	Verification	Next action / issues
12. Chemistry BR Annex VI A(7)	Complete	Lithium iron phosphate (LFP)	CellTech_HV512_datasheet.pdf v1, p. 2	auto-accepted rule 0.84	Auto-accepted from source
13. Hazardous substances BR Annex VI A(8)	Needs review	None above 0.1 % w/w (REACH SVHC list, June 2026)	CellTech_HV512_material_declaration.xlsx v1, sheet 'Material declaration', row 6	- rule 0.92	Sensitive field: human approval required
14. Usable extinguishing agent BR Annex VI A(9)	Missing	-	-	-	Request from supplier or enter manually
15. Critical raw materials BR Annex VI A(10)	Complete	Lithium, natural graphite, phosphate rock	CellTech_HV512_material_declaration.xlsx v1, sheet 'Material declaration', row 7	auto-accepted rule 0.92	Auto-accepted from source
16. Material composition BR Annex XIII 1(b)	Not applicable	-	-	-	Not to be filled/displayed: repetition, same data already required under previous data points
17. Carbon footprint declaration BR Annex XIII 1(c)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: format still to be specified in the upcoming implementing act
18. Carbon footprint label BR Annex XIII 1(c)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: format still to be specified in the upcoming implementing act
19. Responsible sourcing information BR Annex XIII 1(d)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: as provided in Article 48(1), required from August 2027
20. Recycled content: cobalt BR Annex XIII 1(e)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: to be applied in line with Article 8 and the relevant delegated act
21. Recycled content: lithium BR Annex XIII 1(e)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: to be applied in line with Article 8 and the relevant delegated act
22. Recycled content: nickel BR Annex XIII 1(e)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: to be applied in line with Article 8 and the relevant delegated act
23. Recycled content: lead BR Annex XIII 1(e)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: to be applied in line with Article 8 and the relevant delegated act
24. Share of renewable content BR Annex XIII 1(f)	Missing	-	-	-	Request from supplier or enter manually
25. Rated capacity (Ah) BR Annex XIII 1(g)	Not applicable	-	-	-	Not to be filled/displayed: repetition, same data required under data point 11
26. Minimal voltage BR Annex XIII 1(h)	Missing	-	-	-	Request from supplier or enter manually

Requirement	Status	Value	Source / location	Verification	Next action / issues
27. Nominal voltage BR Annex XIII 1(h)	Complete	51.2 V	BalticPack_HomeVault10_export.csv v1, row 2, column 'Nominal voltage'	auto-accepted rule 0.9	Auto-accepted from source
28. Maximum voltage BR Annex XIII 1(h)	Missing	-	-	-	Request from supplier or enter manually
29. Original power capability BR Annex XIII 1(i)	Missing	-	-	-	Request from supplier or enter manually
30. Power limits BR Annex XIII 1(i)	Missing	-	-	-	Request from supplier or enter manually
31. Expected lifetime (cycles) BR Annex XIII 1(j), conditional	Needs review	6000 cycles	CellTech_HV512_datasheet.pdf v1, p. 2, table 1, row 2	- rule 0.92	2 different values found: choose the correct one
32. Reference test for lifetime BR Annex XIII 1(j), conditional	Missing	-	-	-	Only applicable for some industrial batteries where lifetime can be expressed in cycles: provide it, or mark not applicable
33. Capacity threshold for exhaustion BR Annex XIII 1(k)	Not applicable	-	-	-	Not to be filled/displayed
34. Temperature range when not in use BR Annex XIII 1(l)	Missing	-	-	-	Request from supplier or enter manually
35. Commercial warranty period BR Annex XIII 1(m), conditional	Missing	-	-	-	If applicable (if commercial warranty envisaged): provide it, or mark not applicable
36. Initial round-trip efficiency BR Annex XIII 1(n), conditional	Complete	95 %	CellTech_HV512_datasheet.pdf v1, p. 2, table 1, row 3	auto-accepted rule 0.92	Auto-accepted from source
37. Round-trip efficiency at 50 % of cycle life BR Annex XIII 1(n), conditional	Missing	-	-	-	Only applicable for some industrial batteries: provide it, or mark not applicable
38. Internal cell and pack resistance BR Annex XIII 1(o)	Missing	-	-	-	Request from supplier or enter manually
39. C-rate of cycle-life test BR Annex XIII 1(p), conditional	Missing	-	-	-	Only applicable for some industrial batteries: provide it, or mark not applicable
40. Marking under Art. 13(4) BR Annex XIII 1(q)	Missing	-	-	-	Request from supplier or enter manually
41. Cadmium or lead symbol BR Annex XIII 1(q), conditional	Missing	-	-	-	Cadmium or lead symbol if applicable: provide it, or mark not applicable

Requirement	Status	Value	Source / location	Verification	Next action / issues
42. EU declaration of conformity BR Annex XIII 1(r)	Missing	-	-	-	Request from supplier or enter manually
43. Waste battery information BR Annex XIII 1(s)	Missing	-	-	-	Request from supplier or enter manually
44. Instructions for use BR Annex XIII 1(t)	Not applicable	-	-	-	Not to be filled/displayed as of February 2027: application provisions on hold pending Omnibus adoption
45. Detailed composition BR Annex XIII 2(a)	Missing	-	-	-	Request from supplier or enter manually
46. Part numbers for components BR Annex XIII 2(b)	Missing	-	-	-	Request from supplier or enter manually
47. Contact for replacement spares BR Annex XIII 2(b)	Missing	-	-	-	Request from supplier or enter manually
48. Dismantling information BR Annex XIII 2(c)	Missing	-	-	-	Request from supplier or enter manually
49. Safety measures BR Annex XIII 2(d)	Missing	-	-	-	Request from supplier or enter manually
50. Test reports BR Annex XIII 3	Missing	-	-	-	Request from supplier or enter manually
51. Rated capacity (in Ah) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
52. Capacity fade (in %) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
53. Power (in W) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
54. Power fade (in %) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
55. Internal resistance (in Ω) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
56. Internal resistance increase (in %) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
57. Energy round trip efficiency (in %) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check

Requirement	Status	Value	Source / location	Verification	Next action / issues
58. Energy round trip efficiency fade (in %) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
59. Expected lifetime in cycles (per battery) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
60. Expected lifetime in calendar years (per battery) BR Annex XIII 4(a)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
61. State of certified energy (SOCE) BR Annex XIII 4(b)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
62. Remaining capacity BR Annex XIII 4(b)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
63. The remaining power capability BR Annex XIII 4(b)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
64. The remaining round trip efficiency BR Annex XIII 4(b)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
65. The evolution of self-discharging rates BR Annex XIII 4(b)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
66. The ohmic resistance BR Annex XIII 4(b)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
67. Information on the status of the battery, defined as 'original', 'repurposed', ' BR Annex XIII 4(c)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
68. The number of charging and discharging cycles BR Annex XIII 4(d)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
69. Negative events, such as accidents BR Annex XIII 4(d)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check

Requirement	Status	Value	Source / location	Verification	Next action / issues
70. Periodically recorded information on the operating environmental conditions, inc BR Annex XIII 4(d)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
71. Periodically recorded information on the state of charge BR Annex XIII 4(d)	Not applicable	-	-	-	Per battery, from use data (BMS): not part of a model-level document check
Nominal energy (passport scope) Art. 77(1) scope: industrial batteries above 2 kWh, optional	Complete	10.24 kWh	CellTech_HV512_material_declaration.xlsx v1, sheet 'Material declaration', row 5	auto-accepted rule 0.92	Auto-accepted from source

Source documents

File	Version	Source	Uploaded	SHA-256
BalticPack_HomeVault10_export.csv	1	upload	2026-10-01T09:07:48+00:00	e2e33e03b8cd415ae4e12f2e82e88d837c210ea604f205da10536271da003790
CellTech_HV512_datasheet.pdf	1	upload	2026-10-01T09:07:49+00:00	f295039bf46ef3176e0bbd137179b111e353e9b5516410161c225b05b55d01ff
CellTech_HV512_material_declaration.xlsx	1	upload	2026-10-01T09:07:49+00:00	36077bf1a5087baeaf5aa8510f317a8238ab64602ee57fbb75bf54f15eeb1929

Audit trail integrity

Hash chain verified over 0 events at export. Chain head: (sample pack: no audit history). Keep this value: a later export whose history does not contain it indicates the history was changed.

This pack organises and documents evidence collected for the listed requirements. It is not legal advice, a conformity assessment or a guarantee of compliance. Requirement-set notes: Mapped by software from the Commission's 'Guidance Document: Digital Batteries Passport - data points by category', Version 2.0, 15 August 2026. Data-point names, legal sources and applicability are reproduced from that guidance (CC BY 4.0, (c) European Union 2026); labels, aliases, units and access levels were added and must be reviewed. The guidance itself is not legally binding. Have this set reviewed by a qualified person before relying on it.