AXB-82 EV Traction Battery Pack

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Passport identification

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Public URL	https://www.dprqtech.com/p/dpp-c96a8da959f2

Product identity

Product name	AXB-82 EV Traction Battery Pack
Manufacturer	Example Cell Systems GmbH
Product identifier	test
Model	AXB82-LR-2027
GTIN	test
SKU	11145
Description	test
Commodity code	15526
Country of origin	DE

Economic operator

Name	Example Cell Systems GmbH
Country	DE

BATTERY IDENTITY

Regulation (EU) 2023/1542, Article 77(3); Annex XIII(1)(a); Annex VI Part A(2)

Battery unique identifier	16555465
Battery category	Electric vehicle battery
Model / batch / serial identification	ECS-AXB82-2027-000184
Place of manufacture	DE
Date of manufacture	04/2020

MANUFACTURER / ECONOMIC OPERATOR

Regulation (EU) 2023/1542, Article 77(4); Annex VI Part A(1)

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Battery passport responsible economic operator	testt
Manufacturer name / trade name / mark	test
Manufacturer postal address	test
Manufacturer web and email (if available)	test

BATTERY CHARACTERISTICS

Regulation (EU) 2023/1542, Annex VI Part A(5)-(10)

Battery weight	486 kg
Battery capacity	82 kWh
Battery chemistry	Lithium-ion NMC 811
Critical raw materials (>0.1% by weight)	25

COMPOSITION AND MATERIALS

Regulation (EU) 2023/1542, Annex XIII(1)(b); Annex VI Part A(8)

Hazardous substances (other than Hg, Cd, Pb)	test
Material composition of the battery model	25

RESPONSIBLE SOURCING

Regulation (EU) 2023/1542, Annex XIII(1)(d); Article 52(3)

Responsible sourcing (due diligence report summary)	Cobalt source: Finland and Morocco

RECYCLED CONTENT

Regulation (EU) 2023/1542, Annex XIII(1)(e); Article 8(1)

Recycled cobalt content (%)	25 %
Recycled lithium content (%)	25 %
Recycled nickel content (%)	15 %
Recycled lead content (%)	20 %

RENEWABLE CONTENT

Regulation (EU) 2023/1542, Annex XIII(1)(f)

Share of renewable content	25

PERFORMANCE AND DURABILITY

Regulation (EU) 2023/1542, Annex XIII(1)(g)-(p)

Minimal voltage	366 V
Nominal voltage	400 V
Maximum voltage	5565 V

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Original power capability (W)	25 W
Power limits	test
Expected battery lifetime (cycles)	10
Reference test for cycle lifetime	test
Capacity threshold for exhaustion	12 Ah
Temperature range when not in use	test
Commercial warranty period (calendar life)	test
Initial round trip energy efficiency	20 %
Round trip efficiency at 50% cycle-life	50 %
Internal battery cell and pack resistance	test
Rated capacity	82 Ah
Minimal, nominal and maximum voltage	400 V
C-rate of relevant cycle-life test	test

SAFETY INFORMATION

Regulation (EU) 2023/1542, Annex VI Part A(9)

Usable extinguishing agent	test

MARKING REQUIREMENTS

Regulation (EU) 2023/1542, Annex XIII(1)(q); Article 13(3)-(4)

Marking requirements (Article 13(4))	test
Marking requirements (Article 13(5) Hg/Cd/Pb)	test

EU DECLARATION OF CONFORMITY

Regulation (EU) 2023/1542, Annex XIII(1)(r); Article 18

EU declaration of conformity	test

WASTE BATTERY INFORMATION

Regulation (EU) 2023/1542, Annex XIII(1)(s); Article 74(1)(a-f)

Waste battery prevention and management information	test

Readiness assessment

100%

DPP Readiness Score at time of publication. This is not a legal compliance certification.

Machine-readable data

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