EU DECLARATION OF CONFORMITY

Regulation (EU) 2023/1542 - Article 18 & Annex VIII

Issued under the sole responsibility of the manufacturer / EU responsible economic operator.

1. Product & Battery Passport Identification

DoC Reference No.: EU-DOC-06972026111401-SN-ESS-2026110088
Battery Model: Eco-grade 5.12kWh LFP Home Energy Storage System (Model: SZ-ESS-5120) (SZ-ESS-5120 / Batch 202610-EU-IP65 / SN-ESS-2026110088)
Statutory Category: INDUSTRIAL_GT_2KWH
GS1 GTIN (01): 06972026111401 | Serial Number (21): SN-ESS-2026110088
GS1 Digital Link (UPI): https://id.sherlock-dbp.eu/01/06972026111401/21/SN-ESS-2026110088
Place / Date of Manufacture: Pingshan Smart Factory Line 2, Shenzhen, Guangdong, China (2026-10)

2. Manufacturer & EU Responsible Economic Operator

Responsible Operator (Art. 77(4)): EuroRep GmbH (DE4981203948102)
Postal Address: Hanauer Landstraße 291, 60314 Frankfurt am Main, Germany
Manufacturer: Shenzhen EcoGrid Energy Technology Co., Ltd. (Trade Name: EcoGrid Power)
Postal Address: Building A3, Pingshan New Energy Industrial Park, Shenzhen 518118, Guangdong, China (USCI: 91440300MA5F88912X)

3. Rated Technical & Compliance Parameters

Rated Capacity / Nominal Voltage: 102.4 Ah / 51.2 V (Range: 44.8V - 57.6V)
Battery Chemistry: LFP (Lithium Iron Phosphate) | Battery Mass: 48.5 kg
Separate Collection Symbol (Art. 13(4)): Yes (Crossed-out wheeled bin affixed)
Cd / Pb Marking (Art. 13(5)): None required (Cd < 0.0005%, Pb < 0.001%)

4. Harmonised Standards & Legal Acts Applied

Regulation (EU) 2023/1542 of the European Parliament and of the Council (Article 18, Annex VIII, Annex XIII)
Commission Implementing Regulation (EU) 2026/1778 (DPP Registry & Source Validation)
Commission Implementing Decision (EU) 2026/1736: EN 18216:2026, EN 18219:2026, EN 18220:2026, EN 18221:2026, EN 18222:2026, EN 18223:2026
Product Safety & Transport: UN 38.3, IEC 62619:2022 / IEC 62133-2:2017

5. Digital Twin Integrity & EN 18221 SHA-256 Proof

EU DPP Registry ID: EU-DPP-REG-2026-889120
Latest EN 18221 SHA-256: 41200b66c8de62ed509766c7186a07b17a973d28ca4bf5cd07d217d84d286817
Snapshot Version: v2.0 (2026-11-10T14:15:00Z)

Signed for and on behalf of the manufacturer / EU authorised economic operator under Article 18. [EuroRep GmbH]