

Fact Sheet.

Made in Germany blueplanet 87.0 TL3-165 TL3 | blueplanet 100 NX3/125 NX3 | blueplanet gridsave 92.0 – 137 TL3-S

Development

>90% of development takes place at the site in **Neckarsulm, Germany.**

Sourcing

>90% of the components are sourced within **Europe.**

Production

Takes place **100%** at the site in **Neckarsulm, Germany.**
The production of the inverters is carried out **100%** using **CO₂-neutral electricity.**

Shipping

Internal logistics **routes have been shortened** and are handled by **regional companies.**

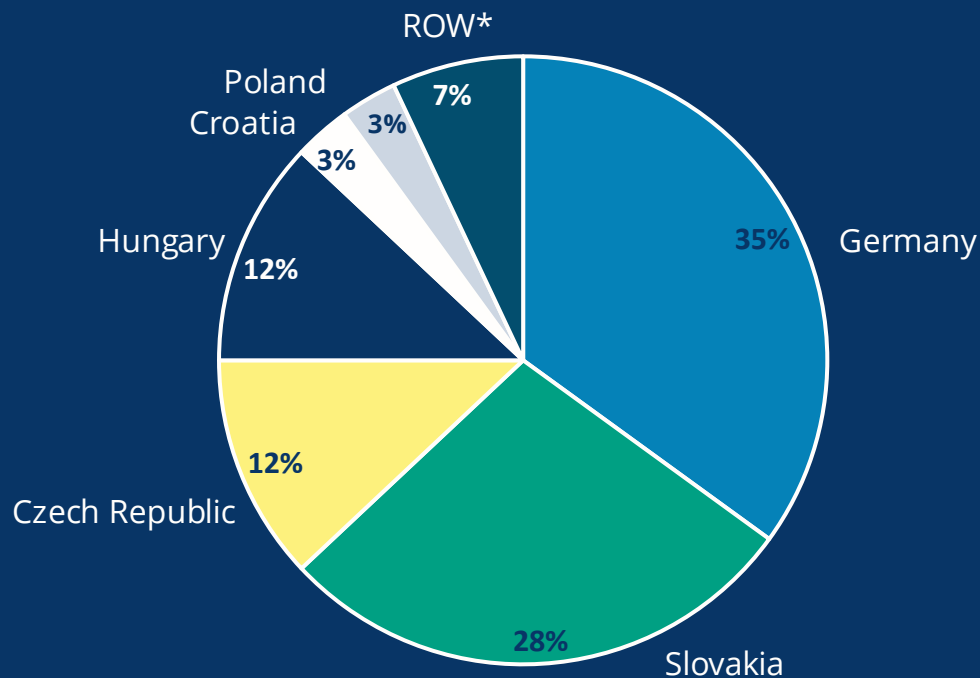


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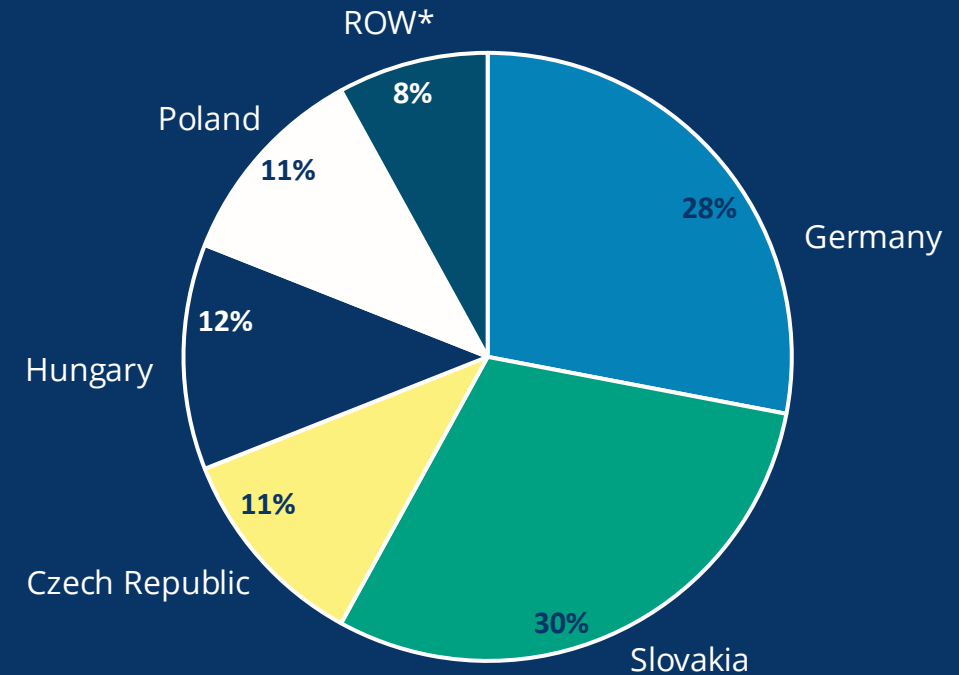
Made in Germany using the example of the blueplanet 87.0 TL3-165 TL3 and blueplanet 100 NX3/125 NX3.

Comparative distribution of countries of origin at the component level

blueplanet 87.0 TL3-165 TL3



blueplanet 100 NX3/125 NX3



Fact Sheet.

Environmental Product Declaration (EPD) / Environmental, Social and Governance (ESG)

Out of respect for the environment

- We are committed to the development and production of **environmentally friendly and sustainably manufactured inverters**. This includes the **avoidance of hazardous substances in our products**—without compromising the benefits for our customers.
- As early as **2006**, we became the **first inverter manufacturer to power our production entirely with CO₂-neutral electricity**. This pioneering step marked the beginning of our long-standing commitment to climate-friendly manufacturing.
- Our **environmental management system** complies with the international **DIN EN ISO 14001** standards.
- We are certified according to **DIN EN ISO 50001**, ensuring that our **energy management and production processes** meet the highest standards of **efficiency and resource conservation**.
- Our **total electricity demand** is covered by **self-generated energy** and, **when needed, supplemented with the purchase of CO₂-neutral electricity**.
- With our broad product portfolio, we provide solutions that enable **decentralized energy supply**—focusing on **maximum efficiency, flexibility, and cybersecurity**.

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Environmental Product Declaration (EPD) / Environmental, Social and Governance (ESG)

Certified Quality – With Seal and Signature

- Our products stand for environmentally conscious design in accordance with **IEC 62430** and are supported by an integrated management system certified to **ISO 9001, ISO 14001, ISO 45001, and DIN EN ISO 50001**.
- Our inverters comply with the international safety standards **IEC 62109-1** and **IEC 62109-2** for power converters used in photovoltaic systems.
- Studies based on **IEC TR 62635** and **EN 45555** show that, for example, the blueplanet 100 NX3/125 NX3 can be up to 79% recycled at the end of its life cycle, with 12% of the energy recovered from plastics, and only about 9% requiring disposal (WEEE registration number: **DE 57110363**, Foundation for Waste Electrical and Electronic Equipment).
- Our Environmental Product Declarations (EPDs) are based on the international standard **ISO 14021**. The data is evaluated through a comprehensive Life Cycle Assessment (LCA) in accordance with **ISO 14040/44**, taking into account the Product Category Rules (PCR) for electronic and electrical products and systems as defined in **EN 50693**.
- Our **DIN EN ISO 9001** certification reflects the highest standards in quality and customer-focused processes.
- With **DIN EN ISO 45001**, we demonstrate our commitment to safe and healthy working conditions.
- The upcoming **DIN EN ISO 27001** certification highlights our dedication to protecting sensitive data and ensuring the highest level of information security.