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Oznrogrlnz Carbon Footprint Dashboard

Product: **oznrogrlnz** | Quantity: 1.0 unit | System Boundary: factory_gate (Cradle-to-Grave)
Production Country: China | Standard: GHG Protocol

58.438 kg CO2e / unit

Generated by carboncalcpcf.com

TOTAL PRODUCT FOOTPRINT

58.438 kg CO2e

CARBON INTENSITY

58.438 kg CO2e/unit

TOP MATERIAL HOTSPOT

Aluminum Chassis
(6.00 kgCO2e)

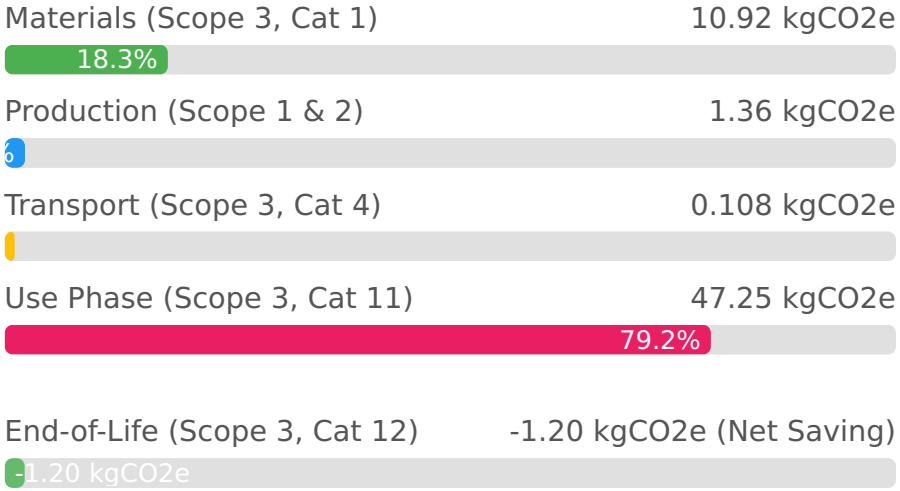
PRIMARY EMISSION PHASE

Use Phase

(~81% of positive emissions)

Lifecycle Stage Breakdown

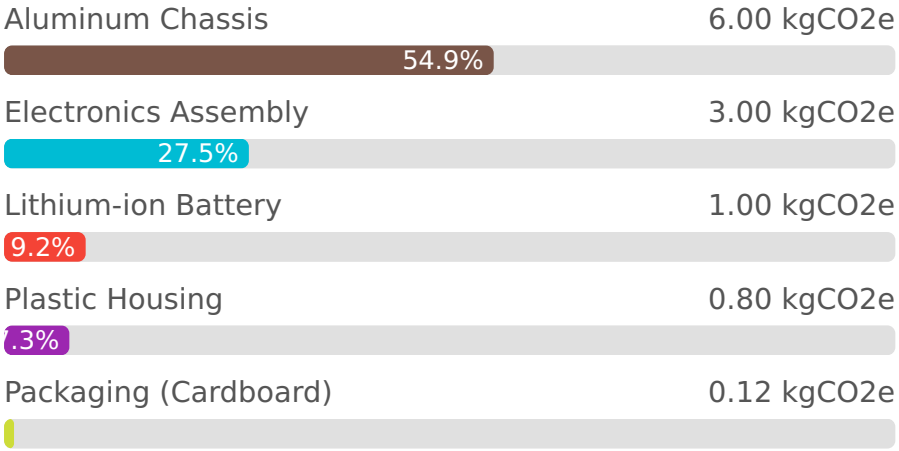
(Contribution to positive emissions. EoL shows net saving)



*End-of-Life savings reduce the overall footprint due to strong recycling and take-back programs.

Material Carbon Impact Breakdown

(Percentage of total material emissions)



Key Highlights

- **Use Phase Dominance:** The product's operational use phase is the most significant contributor, accounting for approximately 81% of the total positive PCF, driven by energy consumption over its 7-year lifespan.

2. **Green Material Sourcing:** Explore and implement strategies for sourcing lower-carbon alternative materials for the Aluminum Chassis and Electronics Assembly, and collaborate with suppliers to reduce their manufacturing emissions.
3. **Enhance Circularity:** Continue to invest in and promote robust take-back and recycling programs, focusing on design for disassembly to maximize material recovery and further amplify avoided emissions.
4. **Primary Data Collection:** Establish comprehensive systems for collecting primary data across all material inputs, manufacturing processes, and logistics directly from suppliers to improve accuracy and reduce reliance on secondary data.