Carbon Footprint Dashboard for jopptfwsxf

Report Date: May 27, 2026

Total PCF: **57.878** kg CO2e/unit

carboncalcpcf.com

Product Carbon Footprint

57.878 kg CO2e

Carbon Intensity

57.878 kg CO2e/unit

Top Material Hotspot

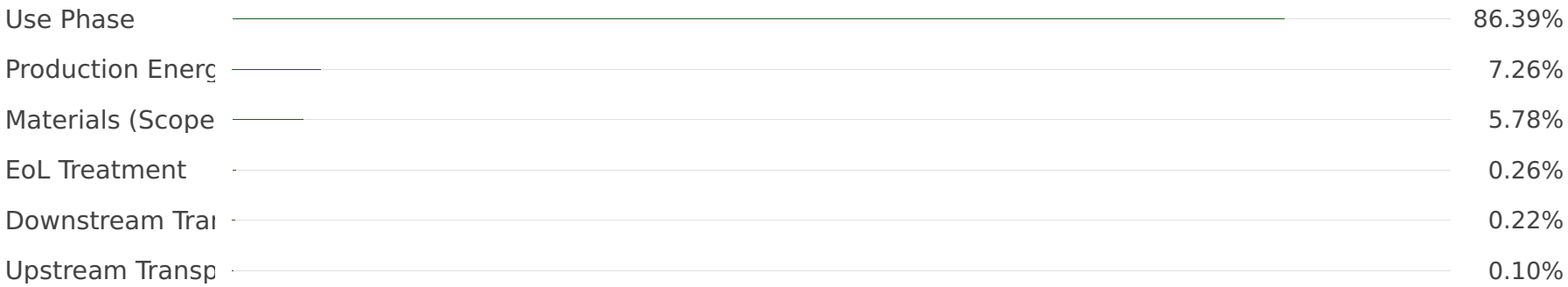
Aluminum Casing
1.600 kg CO2e

Primary Emission Scope

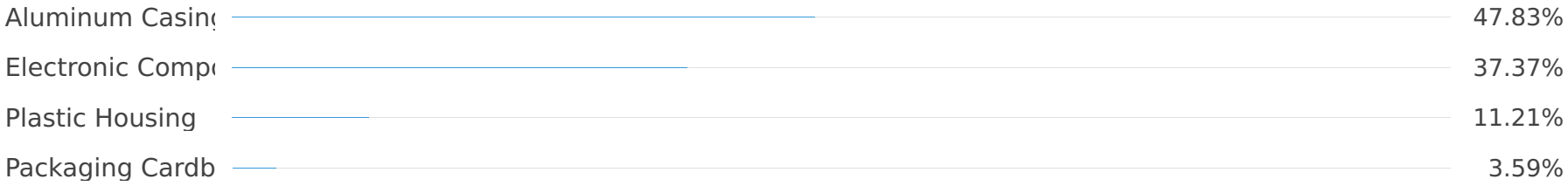
Scope 3
(Use Phase)

Emission Breakdown & Hotspots

Lifecycle Stage Breakdown



Material Carbon Impact



Highlights & Key Findings

- The **Use Phase** (Scope 3, Category 11) is the predominant emission hotspot, contributing approximately **86.4%** of the total product carbon footprint.
- **Manufacturing Energy** (Scope 2) is a significant contributor at around **7.3%**, highlighting the importance of the facility's 60% renewable energy usage.
- **Purchased Materials** (Scope 3, Category 1) account for about **5.8%**, with Aluminum Casing and Electronic Components being particularly impactful within this category.

Recommendations for Carbon Footprint Reduction

1. **Optimize Use Phase Efficiency:** Design jopptfwsxf for even greater energy efficiency, explore lower power modes, extend durability, and educate consumers on efficient product use.
2. **Enhance Renewable Energy Procurement:** Increase renewable energy usage in the manufacturing facility beyond the current 60% to further decarbonize Scope 2 emissions.
3. **Supply Chain Engagement:** Collaborate with material suppliers to source lower-carbon alternatives for components and integrate supplier-specific emission data.
4. **Logistics Optimization:** Continuously improve transport routes and modes, prioritizing lower-emission options and enhancing last-mile delivery efficiency.
5. **Strengthen Circularity:** Leverage active take-back programs and explore design-for-disassembly and material circularity strategies to further reduce End-of-Life impacts.
6. **Implement LSR Standard:** Prepare for the GHG Protocol's 2027 LSR Standard by investigating land-use impacts and potential carbon removals in the supply chain.