

html

Product Carbon Footprint Dashboard

Product: eelgnvwsni

Company: eowmfqdyjm

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56.74 kgCO₂e

Total PCF for 1.0 unit

Total Footprint

56.74 kgCO₂e

Carbon Intensity

56.74 kgCO₂e/unit

Top Material Hotspot

Electronic Board (5.0 kgCO₂e)

Primary Emission Scope

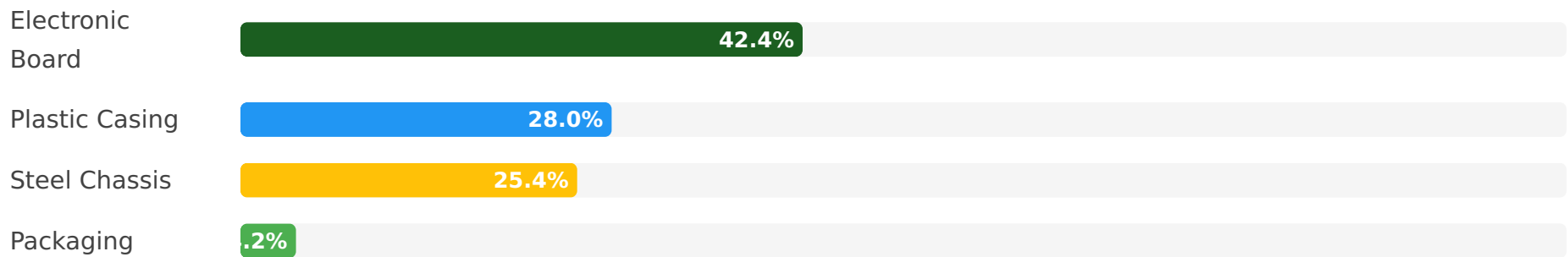
Scope 3 (83.3%)

Detailed Carbon Breakdown

Lifecycle Stage Contribution



Material Composition vs Carbon Impact



Highlights & Hotspots

- ✓ Use Phase is the leading emission hotspot, accounting for 61.7% of the total PCF due to energy consumption over the product's lifespan.
- ✓ Material acquisition contributes significantly, with the Electronic Board being the top material impact.
- ✓ Despite 75% renewable energy use, the remaining non-renewable production energy still represents a notable portion of the footprint.

How to Reduce Carbon Footprint

- 1 Enhance Use Phase Efficiency:** Focus on R&D for more energy-efficient product designs and user education.
- 2 Decarbonize Material Sourcing:** Procure lower-carbon materials, increase recycled content, and explore bio-based alternatives.
- 3 Increase Renewable Energy Adoption:** Strive for 100% renewable energy in manufacturing operations.
- 4 Strengthen Circular Economy Initiatives:** Expand take-back programs and investigate refurbishment and repair opportunities.

carboncalcpcf.com - GHG Protocol Standard (2026 Updates)

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