

html

carboncalcpcf.com

Product Carbon Footprint for
svhmtrikol

93.93 kgCO₂e / unit

TOTAL PRODUCT FOOTPRINT

93.93 kgCO₂e

FUNCTIONAL UNIT

1.0 unit

TOP EMISSION HOTSPOT

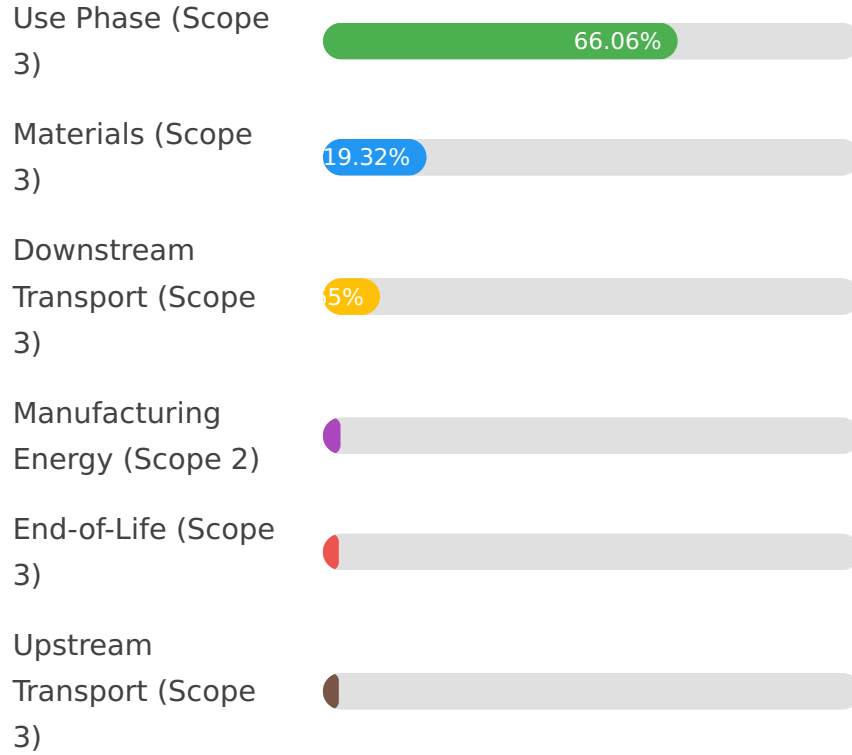
Use Phase

PRIMARY EMISSION SCOPE

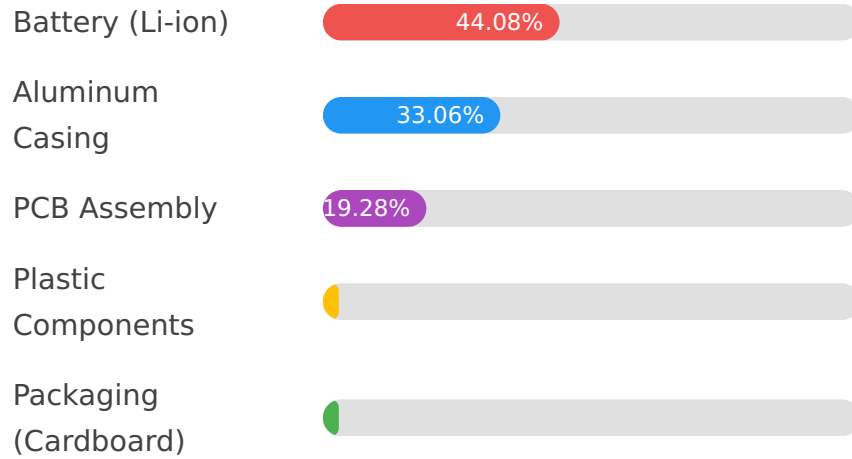
Scope 3

Carbon Footprint Breakdown

By Lifecycle Stage



Material Carbon Impact (from BOM)



Percentages based on total material carbon footprint (18.15 kgCO₂e), not total PCF.

Insights & Actionable Plan

Key Highlights

The **Use Phase** is the dominant contributor, accounting for approximately 66% of the product's total carbon footprint. This is primarily due to energy consumption over its 5-year lifespan.

Material acquisition and production, especially for the Li-ion Battery and Aluminum Casing, represent the second-largest impact area, making up nearly 20% of emissions.

Downstream transportation (last-mile delivery) shows a notable impact, suggesting efficiency improvements in delivery logistics could yield significant reductions.

