

The user wants an HTML dashboard. I have extracted all the necessary data points and planned the structure and styling. The font import from Google Fonts via `@import url(...)` within the `

Product Carbon Footprint: svqrvflxhq

Total
PCF: **37.76** kg
CO₂e

Overall Footprint

37.76 kg CO2e

Total emissions for 1 unit of svqrvflxhq.

Carbon Intensity

32.83 kg CO2e/kg

Footprint per kilogram of material mass (1.15 kg).

Top Material Hotspot

Aluminium Casing

Contributes 3.60 kg CO2e (51.06% of material impact).

Primary Emission Scope

Scope 3

Indirect emissions account for 75.35% of total PCF.

Lifecycle Stage Breakdown

Materials Acquisition	5 kgCO2e
Manufacturing (Scope 1 & 2)	9.31 kgCO2e
Logistics	0.73 kgCO2e
Use Phase	5.75% (13.50 kgCO2e)
End-of-Life	

Material Carbon Impact Breakdown (of 7.05 kg CO2e)

Aluminium Casing	51.06% (3.60 kgCO2e)
ABS Plastic Housing	1.75 kgCO2e
Printed Circuit Board (PCB)	0.5 kgCO2e
Copper Wiring	0.2e
Packaging	0.1)

Key Highlights & Hotspots

- The **Use Phase** is the largest contributor, accounting for 35.75% of the total PCF due to product energy consumption over its 5-year lifespan.
- Manufacturing** emissions (24.66%) represent a significant portion, highlighting the impact of purchased electricity even with 70% renewable energy usage.

Recommendations for Reduction

- Logistics**, encompassing both upstream and downstream transport, contribute 20.47% to the overall footprint, with last-mile delivery being a key driver.
- Enhance Energy Efficiency:** Redesign the product for lower energy consumption during its 5-year use phase to directly tackle the largest hotspot.
- Decarbonize Manufacturing Energy:** Invest in further decarbonization of the energy mix in the China production facility, or increase on-site renewable generation beyond 70%.
- Optimize Logistics & Transport:** Implement strategies like switching to electric vehicles for last-mile delivery and optimizing shipment