

carboncalcpcf.com

Product Carbon Footprint Dashboard

Product: eqgydhlpn (Electronic Device)

Quantity: 1.0 unit | **Production Country:** China | **Standard:** GHG Protocol

Total Carbon Footprint: 25.16 kg CO2e

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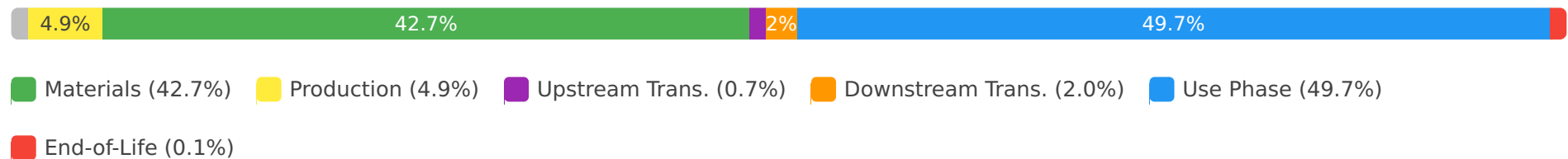
Total Product Footprint

25.16 kgCO2e/unit

Carbon Intensity

Use Phase

Lifecycle Stage Breakdown



Key Insights & Hotspots

- **Use Phase Dominance:** The product's energy consumption during its 5-year lifespan accounts for nearly half (49.7%) of its total carbon footprint.
- **Material Impact:** Raw material acquisition and processing, especially for Aluminum Casing and Lithium-ion Batteries, contribute significantly (42.7%) to embedded emissions.
- **Production Efficiency:** Despite 60% renewable energy use in China, the remaining non-renewable electricity in production contributes 4.9% of the PCF.

