

html

# Product Carbon Footprint Dashboard

**12.92 kg**

**CO<sub>2</sub>e**

**Product:** wevviewljzl

**Boundary:** Cradle-to-Grave

Total PCF (Cradle-to-Grave)

**Standard:** GHG Protocol

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Total Footprint (Cradle-to-Grave)

**12.92 kg CO<sub>2</sub>e**

Carbon Intensity

**12.92 kg CO<sub>2</sub>e/unit**

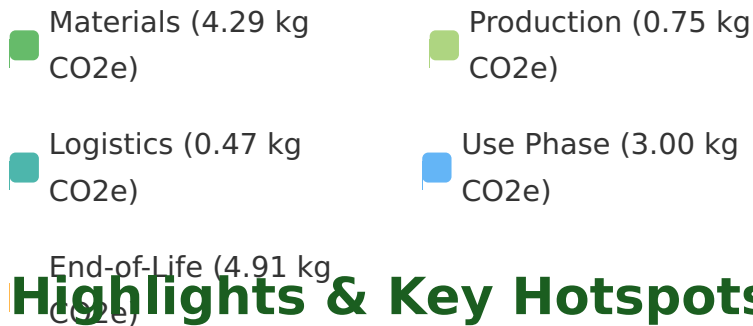
Top Material Hotspot

**Li-ion Battery Pack**

Dominant Emission Phase

## Lifecycle Emission Breakdown

Contribution of each stage to the total cradle-to-grave footprint (approx. 13.42 kg CO2e based on sum of detailed components).

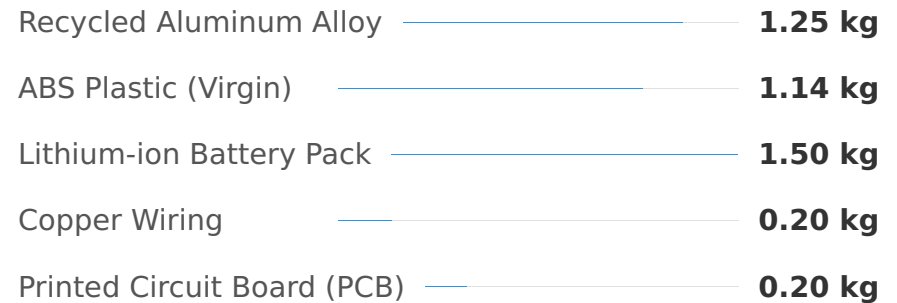


## Highlights & Key Hotspots

- **End-of-Life emissions** represent the largest single hotspot at 4.91 kg CO2e, emphasizing the need for improved circularity and waste management.
- **Material Acquisition and Pre-processing** accounts for a significant 4.29 kg CO2e, driven by components like the Lithium-ion Battery Pack.
- The **Use Phase** contributes 3.00 kg CO2e over the product's lifespan, highlighting the importance of energy efficiency for electronic products.

## Material Carbon Impact

Breakdown of carbon footprint by key materials (Total Material Footprint: 4.29 kg CO2e).



# Action Plan: How to Reduce Carbon Footprint

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- **Material Optimization:** Explore lower-carbon alternatives or increase recycled content for high-impact components, particularly the Lithium-ion Battery Pack.
  - **Energy Efficiency:** Focus on design improvements and technologies to reduce product energy consumption during its 5-year use phase.
  - **Circular Economy:** Enhance the existing take-back program and implement design-for-disassembly to improve recyclability beyond 70% and reduce End-of-Life emissions.
  - **Renewable Energy:** Increase the percentage of renewable energy used in manufacturing beyond the current 50% to further reduce Scope 2 emissions.
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Report powered by [carboncalcpcf.com](https://carboncalcpcf.com) - May 26, 2026

Disclaimer: Based on available data and industry standards. Actual footprint may vary.