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Product Carbon Footprint Dashboard for **gxvevlhjr**w

104.06 kg CO₂e

Illustrative Total PCF per unit

Total Product Footprint

104.06 kg CO₂e

Carbon Intensity

104.06 kg CO₂e/unit

Top Material Hotspot

Aluminum Alloy

(40.0 kg CO₂e)

Primary Emission Scope

Scope 3 Upstream

(Materials)

Lifecycle Stage Breakdown



■ Materials (64.81 kg CO₂e) ■ Production (19.25 kg CO₂e) ■ Use Phase (20.00 kg CO₂e)

*Based on illustrative data; excludes unquantified transport and End-of-Life emissions.

- **Source Low-Carbon Materials:** Prioritize alternatives with lower embodied carbon, increase recycled content, and optimize material efficiency during product design.
- **Enhance Production Efficiency:** Increase renewable energy procurement beyond current levels and implement further energy efficiency measures at the China production facility.
- **Optimize Logistics:** Evaluate and shift to lower-emission transport modes (e.g., rail over road) and engage with logistics partners committed to fleet electrification.
- **Improve Use Phase Design:** Design for energy efficiency, extend product lifespan, and educate end-users on responsible usage and maintenance.
- **Strengthen Circularity:** Expand existing take-back programs and increase the product's recyclability percentage through design for disassembly and material selection.

Generated Date: June 4, 2026 | Standard: GHG Protocol | System Boundary: factory_gate

Product: gxvevlhjrjw | Production Country: China