Product Carbon Footprint Dashboard

Product: mnhltdxfvk by rlwswvesln
Standard: GHG Protocol (2026 LSR Update) | **Production:** China

12.70 kg CO_2e

Total Product Carbon Footprint (per unit)

Total Footprint

12.70 kg CO_2e

per unit of mnhltdxfvk

Carbon Intensity

12.70 kg CO_2e

per unit (Functional Unit)

Top Material Hotspot

Aluminum Casing

2.95 kg CO_2e (69% of materials)

Primary Emission Scope

Scope 3

Driven by Use Phase (9.05 kg CO_2e)

Lifecycle Stage Breakdown

Use Phase	9.05 kg CO_2e
Materials (Purchased Goods)	4.25 kg CO_2e
Production (Scope 2)	0.93 kg CO_2e
Logistics (Transport)	0.21 kg CO_2e
End-of-Life Treatment (Reduction)	-1.74 kg CO_2e

Material Carbon Impact

Aluminum Casing	2.95 kg CO_2e
Circuit Board (PCB)	0.75 kg CO_2e
Plastic Enclosure	0.49 kg CO_2e
Copper Wiring	0.06 kg CO_2e

Optimize Material Sourcing & Design

Engage with suppliers for lower-carbon intensity materials, increase recycled content in components, and explore design changes to reduce material usage, especially for high-impact materials like primary aluminum.

Strengthen Circular Economy Initiatives

Continue to strengthen and expand circular economy initiatives, aiming for even higher recycling rates and exploring novel material recovery technologies to maximize removals and avoided emissions.

Decarbonize Manufacturing Operations

Transition to 100% renewable energy for manufacturing operations to eliminate Scope 2 emissions entirely, building on the already 70% renewable energy usage.

Streamline Logistics

Optimize logistics routes, explore switching to lower-emission transport modes where feasible, and collaborate with logistics providers committed to fleet electrification or alternative fuels.