

CARBONCALPCF.COM

Product Carbon Footprint Dashboard

Product: wkvdyeqqjn

Total PCF: 45.99 kg CO₂e per 1.0 unit

TOTAL FOOTPRINT

45.99 kg CO₂e

per functional unit

CARBON INTENSITY

45.99 kg CO₂e/unit

aligned with GHG Protocol

PRIMARY EMISSION SCOPE

Scope 3

Use Phase & Downstream Logistics

TOP MATERIAL HOTSPOT

Aluminum Casing

3.75 kg CO₂e (material only)

Lifecycle Stage Breakdown

Use Phase	26.50 kg CO2e
Downstream Logistics	12.50 kg CO2e
Materials	6.04 kg CO2e
Manufacturing	0.795 kg CO2e
Upstream Logistics	0.13 kg CO2e
End-of-Life	0.03 kg CO2e

Highlights

- The product's use phase is the dominant emission hotspot, contributing 26.5 kg CO2e (57.6% of total PCF).
- Logistics, especially last-mile delivery, represents a significant 12.5 kg CO2e (27.2% of total PCF).
- Purchased materials, led by Aluminum Casing, account for 6.04 kg CO2e, indicating supply chain impact.

Data provided by qsifmevvwz adhering to GHG Protocol Standards. Generated May 20, 2026.

This dashboard summarizes findings for product wkvdyeqqjn (1.0 unit) with a factory_gate system boundary.