

Product Carbon Footprint Dashboard

Total PCF (Net)

26.84 kg CO₂e

Key Metrics Overview

Product Name

Carbon Footprint Breakdown

Smart Home Hub by zetwgokyix

Lifecycle Stage Contributions (kg CO₂e)

Net emissions (credits) by major lifecycle stage. Bars scaled relative to Materials.

Materials (approx. 71.8% of total PCF) and the Use Phase (approx. 46.6%) are the primary emission contributors.

Material: PCB 1 (Copper) (PCF) and Lithium-ion Battery are significant drivers within the material footprint. 19.28 kg CO₂e

Use Phase (Cat 11) by End-of-Life (EoL) recycling and take-back programs generate a significant carbon credit (50.54 kg CO₂e).

Production Energy (Scope 2)

1.40 kg CO₂e

Top Material Hotspot