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# Product Carbon Footprint: emqvtqdoud (Smart Home Hub)

Company: xxjxggqlgy | Standard: GHG Protocol

**8.46** kgCO<sub>2</sub>e  
Total Footprint per unit

Total Footprint

**8.46** kgCO<sub>2</sub>e

Carbon Intensity

**16.92** kgCO<sub>2</sub>e/kg

Top Material Hotspot

**Lithium-ion Battery**

(1.25 kgCO<sub>2</sub>e)

Primary Emission Scope

**Scope 3 (77.2%)**

## Lifecycle Emission Breakdown

Materials	4.13 kgCO <sub>2</sub> e (47%)
Production (Scope 2)	1.93 kgCO <sub>2</sub> e (22%)
Logistics	0.11 kgCO <sub>2</sub> e (1%)
Use Phase	2.55 kgCO <sub>2</sub> e (29%)

End-of-Life activities resulted in a reduction of -0.26 kgCO<sub>2</sub>e.

## Material Carbon Impact

Lithium-ion Battery	1.25 kgCO <sub>2</sub> e (30%)
Printed Circuit Board (PCB)	1.00 kgCO <sub>2</sub> e (24%)
Small Electronic Components	0.75 kgCO <sub>2</sub> e (18%)
Plastic Casing (ABS)	0.70 kgCO <sub>2</sub> e (17%)
Aluminum Heatsink	0.24 kgCO <sub>2</sub> e (6%)
Copper Wire	0.08 kgCO <sub>2</sub> e (2%)
Glass Display	0.08 kgCO <sub>2</sub> e (2%)
Packaging	0.03 kgCO <sub>2</sub> e (1%)

