

Product Carbon Footprint Dashboard

Analysis for: nqixhghlInn by hlpmpzputk

carboncalcpcf.com

43.903 kg CO₂e

Total PCF per unit

Total Footprint

43.903 kgCO₂e

per unit of nqixhghlInn

System Boundary

Cradle-to-Grave

GHG Protocol Standard

Top Material Hotspot

Lithium Battery

8.0 kgCO₂e (~50.8% of material impact)

Primary Emission Scope

Scope 3

40.563 kgCO₂e (92.4% of total)

Lifecycle Stage Breakdown

Use Phase	25.00 kgCO ₂ e (56.43%)
Material Acquisition & Pre-processing	15.75 kgCO ₂ e (35.55%)
Production (Manufacturing)	3.34 kgCO ₂ e (7.54%)
Transport (Upstream & Downstream)	0.213 kgCO ₂ e (0.48%)

End-of-Life Treatment: -0.40 kgCO₂e (Net credit from recycling)

Key Insights & Hotspots

- Use Phase is the single largest contributor, accounting for approximately 57% of the total PCF due to energy consumption over its 5-year lifespan.
- Material Acquisition represents about 36% of the footprint, with Lithium Batteries (8.0 kgCO₂e) and Aluminum Casing (5.0 kgCO₂e) being primary drivers.
- Scope 3 (Value Chain) emissions are predominant, making up 92.4% of the total Product Carbon Footprint, underscoring the importance of supplier engagement.

