

Product Carbon Footprint Dashboard

for rtuzhygfwl (1.0 unit)

68.66 kgCO₂e

Total Carbon Footprint

68.66

Total PCF (kgCO₂e/unit)

1.0

Functional Unit

Aluminum Casing

Top Material Hotspot

Scope 3

Primary Emission Scope

Lifecycle Stage Breakdown

Use of Sold Products	30.0 kgCO2e (42.53%)
Logistics (Upstream & Downstream)	20.23 kgCO2e (28.68%)
Materials & Purchased Goods	16.7 kgCO2e (23.68%)
Production (Purchased Electricity)	3.6 kgCO2e (5.10%)
End-of-Life Treatment (Net Saving)	-1.87 kgCO2e

Material Carbon Impact Breakdown

Aluminum Casing	6.0 kgCO2e (35.93%)
Circuit Board (PCB)	5.0 kgCO2e (29.94%)
Plastic Housing	2.8 kgCO2e (16.77%)
Battery	2.7 kgCO2e (16.17%)
Copper Wire	0.2 kgCO2e (1.20%)

