

Product Carbon Footprint Dashboard

32.28 kgCO₂e
for 1.0 unit of ruldrtterqx

Total Footprint

32.28
kgCO₂e

Carbon Intensity

32.28
kgCO₂e / unit

Primary Hotspot

Use Phase
89.37% of Total

Top Material Contributor

Aluminum Casing
1.25 kgCO₂e

Lifecycle Stage Breakdown

Use Phase	28.85 kgCO ₂ e (87.39%)
Material Acquisition & Pre-processing	2.78 kgCO ₂ e (8.42%)
Transportation	1.15 kgCO ₂ e (3.48%)
Production Phase	0.23 kgCO ₂ e (0.70%)
End-of-Life (Net Credit)	-0.73 kgCO ₂ e (-2.25%)

Material Carbon Impact

Aluminum Casing	1.25 kgCO ₂ e (45.0%)
Plastic Enclosure	0.90 kgCO ₂ e (32.4%)
Circuit Board	0.50 kgCO ₂ e (18.0%)
Copper Wire	0.08 kgCO ₂ e (2.9%)
Packaging Cardboard	0.05 kgCO ₂ e (1.8%)

Key Highlights

- The Use Phase is the dominant emission hotspot, contributing 89.37% of the total PCF due to energy consumption over the product's lifespan.

