

carboncalcpcf.com

Product Carbon Footprint Dashboard

for wvfjkesow

Total Carbon Footprint: **36.27 kg CO₂e / unit**

Total Footprint

36.27 kg CO2e

Carbon Intensity (per unit)

36.27 kg CO2e

Top Material Hotspot

Aluminum Casing

4.50 kg CO2e

Primary Emission Scope

Use Phase

28.85 kg CO2e

Lifecycle Emission Breakdown

Upstream Materials	16.67% (6.23 kg CO2e)
Manufacturing	5.52% (2.06 kg CO2e)
Transport	0.60% (0.22 kg CO2e)
Use Phase	77.21% (28.85 kg CO2e)
End-of-Life	Net Saving: 1.10 kg CO2e

Top Material Carbon Impacts

Aluminum Casing	72.23% (4.50 kg CO2e)
Printed Circuit Board (PCB)	16.05% (1.00 kg CO2e)
ABS Plastic Housing	9.63% (0.60 kg CO2e)
Copper Wiring	2.09% (0.13 kg CO2e)

Key Insights & Hotspots

