

carboncalcpcf.com

Product Carbon Footprint Dashboard

Product: wjoughmfgxo

Standard: GHG Protocol

78.41 kgCO₂e
per unit (Net Total)
System Boundary: factory_gate
(Cradle-to-Grave Analysis)

Total Carbon Footprint

78.41

kgCO₂e per unit

Carbon Intensity

78.41

kgCO₂e / unit (for 1 unit)

Primary Emission Hotspot

Use Phase

50.0 kgCO₂e (63.8% of total)

Top Material Hotspot

Steel Casing

5.0 kgCO₂e (38.3% of material impact)

Lifecycle Stage Breakdown

Materials (Purchased Goods & Services)	13.05 kgCO2e (16.64%)
Production (Purchased Electricity)	3.50 kgCO2e (4.46%)
Logistics (Transport & Distribution)	16.25 kgCO2e (20.72%)
Use Phase (Energy Consumption)	50.00 kgCO2e (63.77%)
End-of-Life (Recycling Credit)	-4.39 kgCO2e (-5.60%)

Material Carbon Impact Breakdown

Steel Casing	5.0 kgCO2e (38.31%)
Plastic Enclosure	4.2 kgCO2e (32.18%)
Electronic Board	2.5 kgCO2e (19.16%)
Copper Wire	0.8 kgCO2e (6.13%)
Packaging (Cardboard)	0.45 kgCO2e (3.45%)
Adhesive	0.1 kgCO2e (0.77%)

