

carboncalcpcf.com

Carbon Footprint Dashboard

18.273 kgCO₂e

Total Product Footprint

Product: **hmwuqjjxul** | Report Date: May 26, 2026

Total Footprint

18.273

kgCO₂e per unit

Carbon Intensity

18.273

kgCO₂e/unit (for 1.0 unit)

Top Material Hotspot

Aluminum Casing

3.5 kgCO₂e (45.75% of materials)

Emissions Breakdown

Lifecycle Stage Contribution

Materials Acquisition & Pre-processing	41.21% (7.65 kgCO ₂ e)
Use Phase	40.40% (7.50 kgCO ₂ e)
Production (Manufacturing) Energy	17.51% (3.25 kgCO ₂ e)
Transport (Upstream & Downstream)	0.88% (0.163 kgCO ₂ e)
End-of-Life (Net Benefit)	-0.29 kgCO ₂ e

Material Carbon Impact Breakdown

Aluminum Casing	45.75% (3.5 kgCO ₂ e)
Circuit Board	32.68% (2.5 kgCO ₂ e)
Plastic Enclosure	7.84% (0.6 kgCO ₂ e)

