

# Product Carbon Footprint Dashboard

**29.448 kgCO<sub>2</sub>e**

Total Product Footprint  
carboncalcpcf.com

Total Footprint

**29.448**

kgCO<sub>2</sub>e per unit

Carbon Intensity

**29.448**

kgCO<sub>2</sub>e / unit

Top Material Hotspot

**Aluminum Casing**

5.00 kgCO<sub>2</sub>e

Primary Emission Scope

**Scope 3 Downstream**

Use Phase

## Lifecycle Stage Breakdown

Use Phase	<b>20.000 kgCO<sub>2</sub>e (64.68%)</b>
Materials (S3 Upstream)	<b>10.025 kgCO<sub>2</sub>e (32.42%)</b>
Downstream Transport	<b>0.680 kgCO<sub>2</sub>e (2.20%)</b>
Manufacturing (S1 & S2)	<b>0.159 kgCO<sub>2</sub>e (0.51%)</b>
Upstream Transport	<b>0.060 kgCO<sub>2</sub>e (0.19%)</b>

End-of-Life: Net Credit of -1.476 kgCO<sub>2</sub>e (Due to High Recyclability)

## Material Carbon Impact

— Aluminum Casing	<b>5.00 kgCO<sub>2</sub>e (52.36%)</b>
— Printed Circuit Board (PCB)	<b>2.00 kgCO<sub>2</sub>e (20.94%)</b>
— Electronic Components	<b>1.50 kgCO<sub>2</sub>e (15.71%)</b>
— ABS Plastic Housing	<b>1.05 kgCO<sub>2</sub>e (11.00%)</b>
— Other Materials	<b>0.475 kgCO<sub>2</sub>e (approx.)</b>

