

gxlwgsyzvl Carbon Footprint

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36.195 kgCO₂e

Total Product Carbon Footprint

Total Footprint

36.195 kgCO₂e

per unit of gxlwgsyzvl

Carbon Intensity

36.195 kgCO₂e/unit

Functional Unit: 1.0 unit

Top Material Hotspot

Aluminum Casing

4.25 kgCO₂e

Primary Emission Scope

Scope 3

Use Phase & Materials

Lifecycle Stage Breakdown

Use Phase	25.000 kgCO2e (69.07%)
Materials (Scope 3, Cat 1)	8.110 kgCO2e (22.40%)
Production Energy (Scope 2)	2.475 kgCO2e (6.84%)
Logistics (Scope 3, Cat 4 & 9)	0.510 kgCO2e (1.41%)
End-of-Life (Scope 3, Cat 12)	0.100 kgCO2e (0.28%)

Material Carbon Impact

Aluminum Casing	4.25 kgCO2e (52.40%)
Printed Circuit Board (PCB)	1.50 kgCO2e (18.50%)
Lithium-ion Battery	1.25 kgCO2e (15.41%)
ABS Plastic Enclosure	1.05 kgCO2e (12.95%)
Copper Wiring	0.06 kgCO2e (0.74%)

