

Product Carbon Footprint for jdtmdqjpjs

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TOTAL	57.81
PCF	kgCO2e

Total Footprint

57.81 kgCO₂e

For 1.0 unit of jdtmdqjpps

Carbon Intensity

29.65 kgCO₂e/kg

Based on product weight of 1.95 kg

Top Material Hotspot

Aluminum Casing

Contributing 4.0 kgCO₂e from materials

Primary Emission Scope

Scope 3

Value chain emissions dominate impact

Emissions Breakdown by Lifecycle Stage

Use Phase (Downstream)	48.00 kgCO2e (81.87%)
Materials Acquisition & Pre-processing (Upstream)	7.55 kgCO2e (12.88%)
Purchased Electricity (Production)	2.91 kgCO2e (4.96%)
Transportation & Distribution (Upstream)	0.17 kgCO2e (0.29%)
End-of-Life Treatment (Net Avoided)	-0.82 kgCO2e
Avoided Emissions	

Detailed Material Impact (Top Items)

Aluminum Casing	4.0 kgCO2e
Circuit Board	2.0 kgCO2e
Plastic Enclosure	1.05 kgCO2e
Copper Wiring	0.5 kgCO2e

