

Carbon Footprint Dashboard: wehksworfi

carboncalcpcf.com

PRODUCT OF: MUJTMSTIDY | PRODUCTION COUNTRY: CHINA | STANDARD: GHG PROTOCOL

31.33 kg CO₂e

TOTAL PRODUCT CARBON FOOTPRINT (1 UNIT)

Total Footprint

31.33 kg CO₂e

PER FUNCTIONAL UNIT (1.0 UNIT)

Carbon Intensity

31.33 kg CO₂e/unit

BASED ON 1.0 UNIT QUANTITY

Top Material Hotspot

Steel Enclosure

LARGEST MATERIAL CONTRIBUTOR (5.50 KGCO₂E)

Primary Emission Scope

Scope 3

VALUE CHAIN EMISSIONS (86.69% OF TOTAL)

Emission Breakdown

Lifecycle Stage Contribution

Use Phase	47.88% (15.00 kgCO2e)
Materials (Purchased Goods & Services)	36.13% (11.32 kgCO2e)
Production (Electricity)	13.31% (4.17 kgCO2e)
Transportation (Upstream & Downstream)	2.55% (0.80 kgCO2e)
End-of-Life Treatment	0.13% (0.04 kgCO2e)

Top Material Carbon Impact (from 11.32 kgCO2e Materials Total)

Steel Enclosure	48.59% (5.50 kgCO2e)
ABS Housing	26.86% (3.04 kgCO2e)
PCBA	19.88% (2.25 kgCO2e)

