

Product Carbon Footprint Dashboard

Product: ovnpsqpugy (1.0 unit)

Total PCF: 47.70 kgCO₂e/unit

Total Footprint

47.70

kgCO₂e/unit

Primary Emission Scope

Scope 3

(~72.7% of total)

Top Material Hotspot

Aluminum Casing

(4.0 kgCO₂e)

Recyclability Target

75%

of product mass

Lifecycle Stage Breakdown



- Material Production
- Manufacturing/Production
- Transportation
- Use Phase
- End-of-Life (Net Credit: -1.87 kgCO₂e)

Key Insights & Hotspots

- Use Phase is the largest contributor, accounting for 36.7% of the total footprint, primarily due to product energy consumption over its 5-year lifespan.
- Manufacturing contributes 27.3% despite 60% renewable energy usage, indicating the significant impact of the remaining grid electricity in China.

