

Product Carbon Footprint for Irujlzktwr

Quantity: 1.0 unit • **Boundary:** factory_gate • **Country:** China • **Standard:** GHG Protocol

carboncalcpcf.com

TOTAL PCF: 43.93 kg CO2e

Total Product Footprint

43.93 kg CO2e

Carbon Intensity

43.93 kg CO2e/unit

Top Material Hotspot

Aluminium Casing

4.00 kg CO2e (59.88% of materials)

Primary Emission Stage

Use Phase

27.00 kg CO2e (61.46% of total PCF)

Lifecycle Stage Breakdown

Use Phase	61.46% (27.00 kg CO2e)
Production Energy (Scope 2)	17.07% (7.50 kg CO2e)
Material Acquisition (Scope 3 Upstream)	15.21% (6.68 kg CO2e)
Transportation (Scope 3 Up/Downstream)	6.21% (2.73 kg CO2e)
End-of-Life (Scope 3 Downstream)	0.05% (0.02 kg CO2e)

Material Carbon Impact

Aluminium Casing	59.88% (4.00 kg CO2e)
Circuit Board (PCB)	22.46% (1.50 kg CO2e)
ABS Plastic Housing	15.72% (1.05 kg CO2e)
Copper Wiring	1.95% (0.13 kg CO2e)

