

**CarbonCalcPCF**

**Product Carbon Footprint for  
fiifxiyjpn**

Total Product Carbon Footprint

**46.57 kg CO2e**

## | Key Metrics

Total Footprint

**46.57**

kg CO2e per unit

Carbon Intensity

**46.57**

kg CO2e / unit

Top Material Hotspot

**Raw Materials**

e.g., Al, PCB, Li-ion

Primary Emission Scope

**Scope 3**

Use Phase (53.69%)

## Lifecycle Stage Breakdown

Use Phase

Raw Materials (Scope 3, Cat 1)

Manufacturing (Scope 2)

Logistics (Scope 3, Cat 4 & 9)

End-of-Life (Scope 3, Cat 12)

Scope 1 (Direct Emissions)

## Top Material Carbon Impact (Illustrative BOM)

Aluminum Casing

PCB & Integrated Circuits

Lithium-ion Battery

ABS Plastic Components