

Product Carbon Footprint: qtxrnpsyps

System Boundary: factory_gate | **Production Country:** China

Standard: GHG Protocol | **Quantity:** 1.0 unit

22.89 kgCO₂e

Total Carbon Footprint

carboncalcpcf.com

Total Footprint

22.89 kgCO₂e

Per 1.0 unit of qtxrnpsyps

Carbon Intensity

22.89 kgCO₂e/unit

Emissions per functional unit

Top Material Hotspot

Aluminum Casing

Contributes 3.50 kgCO₂e (53% of material emissions)

Lifecycle Stage Contribution

Use Phase	61.16%
Raw Materials	28.83%
Manufacturing (Scope 2)	9.17%
Transport	1.87%
End-of-Life (Credit)	-1.05%

Material Carbon Impact

Aluminum Casing	53.03%
Lithium-ion Battery	22.73%
ABS Plastic Enclosure	11.36%
Printed Circuit Board	7.58%
Packaging Cardboard	3.64%
Copper Wire	1.21%
Adhesive	0.45%

