

Carbon Footprint Dashboard

Product: **fuindhqxy**

Report for ivlftjzfp, GHG Protocol Standard

Total Product PCF

32.59 kgCO₂e

powered by carboncalcpcf.com

Key Sustainability Metrics

1.0 unit

Functional Unit

60%

Renewable Energy (Production)

80%

Recyclability Rate

China

Production Country

Lifecycle Emission Breakdown

Use Phase (S3 Cat 11)	23.75 kgCO ₂ e (70.50%)
Materials (S3 Cat 1)	9.13 kgCO ₂ e (27.10%)
Production (S1 & S2)	0.65 kgCO ₂ e (1.93%)
Logistics (S3 Cat 4 & 9)	0.16 kgCO ₂ e (0.47%)
End-of-Life (S3 Cat 12)	-1.10 kgCO ₂ e (Net Carbon Sink)
(High recyclability leads to net carbon removal)	

Top Material Carbon Hotspots

Silicon Wafer	5.00 kgCO ₂ e (54.76%)
Aluminum Alloy	3.50 kgCO ₂ e (38.33%)
Polypropylene (PP)	0.40 kgCO ₂ e (4.38%)
Copper Wire	0.20 kgCO ₂ e (2.19%)
Packaging Cardboard	0.03 kgCO ₂ e (0.33%)

