

Product Carbon Footprint Report

carboncalcpcf.com

55.69 kg CO₂e

Total PCF for jeinxjzmvvm

Product Name

jeinxjzmvvm

Carbon Intensity

55.69 kg CO₂e / unit

Top Material Hotspot

Battery Pack (6.00 kg CO₂e)

Primary Emission Scope

Scope 3 (51.97 kg CO₂e)

Emissions Breakdown By Life Cycle Stage

Transport (Scope 3)	45.84%
Use Phase (Scope 3)	24.39%
Material Acquisition (Scope 3)	23.07%
Manufacturing (Scope 2)	6.68%
End-of-Life (Scope 3)	0.02%

Material Carbon Impact (Relative to Materials Total)

Battery Pack	46.69%
Circuit Board	38.91%
Main Enclosure	9.73%
Packaging (Cardboard)	2.33%
Cables	2.33%

Highlights

- Transport is the most significant contributor to the PCF at 45.84%, primarily driven by last-mile delivery logistics.
- Material acquisition (23.07%) and the use phase (24.39%) also represent substantial impacts, with the Battery Pack and Circuit Board being key material hotspots.
- The End-of-Life impact is minimal (0.02%) due to a high recyclability percentage (70%) and robust circular/take-back programs in place by fysphxeffk.

How to Reduce Your Footprint

- Optimize logistics routes, increase vehicle load factors, and explore shifting to lower-emission transport modes like electric vehicles or rail for primary transport.
- Investigate alternative materials with lower embedded carbon for components like the Battery Pack and Circuit Board, work with suppliers on decarbonization efforts, and increase the use of recycled content.
- Enhance the product's energy efficiency during its use phase and encourage end-users in Europe to power the product with renewable electricity.

