

Product Carbon Footprint Dashboard

carboncalcpcf.com

Product Name

hrrzviphev

Quantity: 1.0 unit

Total PCF

33.53 kg CO2e

Per functional unit

Top Emission Hotspot

Use Phase

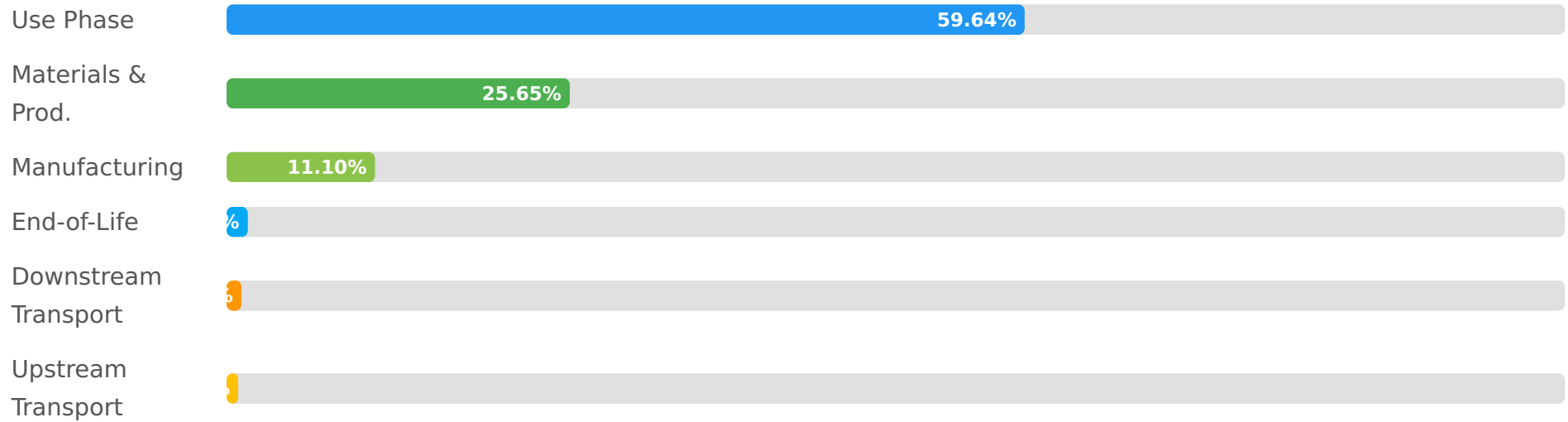
59.64% of total PCF

Primary GHG Scope

Scope 3

29.81 kg CO2e (88.9%)

Lifecycle Stage Breakdown



- 1** ****Optimize Use Phase:**** Focus R&D on improving the energy efficiency of hrrzviphev, exploring alternative power sources or lower-energy components for its operational lifespan.
- 2** ****Sustainable Material Sourcing:**** Prioritize sourcing materials with lower embedded carbon, increase recycled content, and actively engage with suppliers to reduce their upstream manufacturing emissions.
- 3** ****Increase Renewable Energy in Production:**** Further increase the percentage of renewable energy used at the China production facility beyond the current 60% to directly reduce Scope 2 emissions.
- 4** ****Logistics Optimization:**** Continuously refine transport routes, consolidate shipments, and consider lower-emission transport modes (e.g., rail or sea) for longer distances to minimize transportation impact.
- 5** ****Enhance Circularity:**** Leverage the existing regional take-back program to maximize material recovery and explore product redesign for easier disassembly and recycling processes.