

Product Carbon Footprint: wlozilgkev

Total PCF: 8.03 kg CO₂e/unit

PCF per Unit

8.03 kg CO2e

Production Country

China

Top Material Hotspot

Battery Pack (2.00 kg CO2e)

Primary Emission Scope

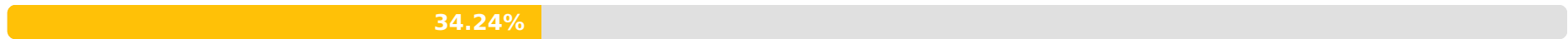
Scope 3 (82.66%)

Lifecycle Stage Breakdown

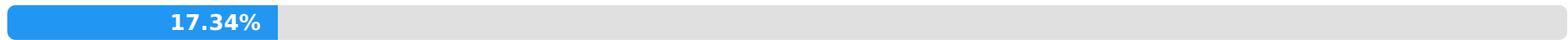
Raw Material Acquisition & Pre-processing



Use Phase



Manufacturing / Production



Transportation



End-of-Life (Net Credit)



- ✓ **Material Optimization:** Prioritize lower-carbon alternatives, recycled content, or sustainable sourcing for the Battery Pack, Electronic Board, and Main Casing.
- ✓ **Energy Efficiency & Renewables:** Enhance renewable energy integration in manufacturing processes in China and focus on reducing product energy consumption during the use phase.
- ✓ **Circular Economy Integration:** Expand and promote take-back, repair, and reuse programs to maximize material recovery and further reduce End-of-Life impacts.
- ✓ **Logistics Optimization:** Refine transportation routes, consolidate shipments, and explore lower-emission transport modes for both upstream and downstream logistics.