

# Product Carbon Footprint Dashboard

**Product:** omrneerzr

carboncalcpcf.com

<b>Total</b>	<b>50.13</b>
<b>PCF:</b>	<b>kgCO2e</b>

Total Product Footprint

**50.13** kgCO<sub>2</sub>e/unit

System Boundary

**Factory Gate**

Top Material Hotspot

**Steel Casing** (18.00 kgCO<sub>2</sub>e)

Primary Emission Scope

**Scope 3** (44.55 kgCO<sub>2</sub>e)

## Key Insights & Hotspots

- Materials (Scope 3) represent the largest portion of the footprint at 27.44 kgCO<sub>2</sub>e, driven mainly by steel casing and electronic components.
- The product's 5-year use phase contributes significantly (12.50 kgCO<sub>2</sub>e) due to energy consumption, highlighting the need for energy-efficient design.
- Manufacturing energy adds 5.58 kgCO<sub>2</sub>e, despite 40% renewable energy usage, indicating opportunities for further decarbonization at the production stage.

