

carboncalcpcf.com

Product Carbon Footprint (PCF) Analysis Dashboard

For: Power Bank 100W

Total PCF: **7.357 kg CO2e** Generated Date: May 31, 2026 Standard: GHG Protocol

Total Footprint

7.357 kg CO2e

per 1.0 unit (Factory Gate)

Carbon Intensity

12.58 kg CO2e/kg

based on 0.585 kg product weight

Top Material Hotspot

Li-ion Battery

77.4% of total PCF

Primary Emission Scope

Scope 3 (Upstream)

97.0% of total PCF

Emissions Breakdown by Scope



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Scope 1 (Direct Emissions) Scope 2 (Purchased Energy) Scope 3 (Value Chain)

