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# Product Carbon Footprint Dashboard

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**Product:** pnnpurssmp • **Quantity:** 1.0 unit • **Standard:** GHG Protocol  
Report Date: May 22, 2026 • Production Country: China

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Total Footprint

**22.50**

kg CO2e

Carbon Intensity

**22.50**

kg CO2e / unit

Primary Hotspot

**Use Phase**

83.3% of total

Primary GHG Scope

## Key Sustainability Highlights

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- The **Use Phase** is the overwhelming primary carbon hotspot, contributing ~83% of the product's total footprint, driven by energy consumption over its 5-year lifespan.
- **Material Acquisition & Processing** accounts for ~16% of the footprint, with components like Lithium-ion batteries (0.96 kg CO<sub>2</sub>e) being the most impactful material.
- **Renewable energy usage (75%)** in the production phase significantly mitigates Scope 2 emissions, demonstrating a strong commitment to cleaner manufacturing practices.
- The product benefits from a **net carbon credit in its End-of-Life phase** due to a high recyclability percentage (60%) and a robust take-back program.

