

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
UHP-1000	23.79	Raw Material Manufacturing	22.57	94.87	UHP-1000-24	2024/2/7
		Raw Material Transportation	0.02	0.08		
		Power Supply Manufacturing	1.20	5.04		

Raw Material Manufacturing Stage Information

Note: The carbon footprint calculation for raw material manufacturing is based on the global SimaPro database coefficients. In the future, we plan to integrate carbon footprint assessments of the supply chain along with training and exchanges, gradually establishing the MWPro database coefficients.

Raw Material Category	Raw Material Manufacturing Emission(KgCO2e)	Percentage
Subtotal	22.5686	100.00%
1*: CASE Category	0.2366	1.05%
1A: Resistance Category	0.5407	2.40%
1B: Capacitance Category	1.0590	4.69%
1C: Semiconductor Category	4.8408	21.45%
1D: Inductor Category	6.8337	30.28%
1E: Electronic Components Category	0.2510	1.11%
1F: Wire, Connector, AC Cable	0.0112	<0.01%
1G: Metal Category	0.0175	<0.01%
1H: Insulation, Plastic Category	0.2771	1.23%
1J: Packaging	0.2952	1.31%
1M: Manufacturing Consumables	2.4630	10.91%
1Z: PCB Printed Circuit Board	2.7485	12.18%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.2732	1.21%
2C: SMD Semiconductor Category	2.5740	11.41%
2D: SMD Inductor Category	0.0329	<0.01%
4A: Screws, Washers, Copper Columns	0.0202	<0.01%
4B: Stickers	0.0090	<0.01%
5A: Outer Box	0.0851	<0.01%
5B: Casing	0.0002	<0.01%

SDG Group Carbon Neutrality Team