

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
UHP-1500	28.00	Raw Material Manufacturing	26.26	93.79	UHP-1500-24	2024/2/7
		Raw Material Transportation	0.03	0.11		
		Power Supply Manufacturing	1.71	6.11		

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	26.2628	100.00%
1*: CASE Category	0.3052	1.16%
1A: Resistance Category	0.9335	3.55%
1B: Capacitance Category	1.2530	4.77%
1C: Semiconductor Category	4.9499	18.85%
1D: Inductor Category	7.5749	28.84%
1E: Electronic Components Category	0.1672	0.64%
1F: Wire, Connector, AC Cable	0.0153	<0.01%
1G: Metal Category	0.0941	<0.01%
1H: Insulation, Plastic Category	0.5803	2.21%
1J: Packaging	0.4197	1.60%
1M: Manufacturing Consumables	2.8269	10.76%
1Z: PCB Printed Circuit Board	1.4585	5.55%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.6172	2.35%
2C: SMD Semiconductor Category	4.8267	18.38%
2D: SMD Inductor Category	0.0721	<0.01%
2N: Surface Mount Device Others	<0.0001	<0.01%
4A: Screws, Washers, Copper Columns	0.0572	<0.01%
4B: Stickers	<0.0001	<0.01%
5A: Outer Box	0.1111	<0.01%
5B: Casing	0.0002	<0.01%

SDG Group Carbon Neutrality Team