

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
UHP-1500-HVE	27.51	Raw Material Manufacturing	26.65	96.87	UHP-1500-380E	2024/2/11
		Raw Material Transportation	0.04	0.15		
		Power Supply Manufacturing	0.82	2.98		

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	26.6457	100.00%
1*: CASE Category	0.2975	1.12%
1A: Resistance Category	0.9015	3.38%
1B: Capacitance Category	2.7240	10.22%
1C: Semiconductor Category	4.9305	18.50%
1D: Inductor Category	7.2918	27.37%
1E: Electronic Components Category	0.1412	0.53%
1F: Wire, Connector, AC Cable	0.0109	<0.01%
1G: Metal Category	0.1197	<0.01%
1H: Insulation, Plastic Category	0.5508	2.07%
1J: Packaging	0.3928	1.47%
1M: Manufacturing Consumables	2.8205	10.59%
1Z: PCB Printed Circuit Board	1.5176	5.70%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.6234	2.34%
2C: SMD Semiconductor Category	4.1506	15.58%
2D: SMD Inductor Category	0.0057	<0.01%
4A: Screws, Washers, Copper Columns	0.0584	<0.01%
4B: Stickers	0.0009	<0.01%
5A: Outer Box	0.1007	<0.01%
5B: Casing	0.0075	<0.01%
5D: Cardboard	<0.0001	<0.01%

SDG Group Carbon Neutrality Team