

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
XTR-960	34.39	Raw Material Manufacturing	33.68	97.94	XTR-960-24	2025/7/16
		Raw Material Transportation	0.01	0.03		
		Power Supply Manufacturing	0.70	2.04		

Raw Material Manufacturing Stage Information

Note: The carbon footprint calculation for raw material manufacturing is based on the global SimaPro database coefficients. Combine supply chain carbon footprint assessment with training and communication, and gradually establish MWPro database coefficients.

Raw Material Category	Raw Material Manufacturing Emission(KgCO2e)	Percentage
Subtotal	33.6837	100.00%
	<0.0001	<0.01%
1*: CASE Category	0.1739	0.52%
1A: Resistance Category	2.8591	8.49%
1B: Capacitance Category	1.3439	3.99%
1C: Semiconductor Category	12.3944	36.80%
1D: Inductor Category	10.3725	30.79%
1E: Electronic Components Category	0.2678	0.79%
1F: Wire, Connector, AC Cable	0.0174	<0.01%
1G: Metal Category	0.1613	<0.01%
1H: Insulation, Plastic Category	0.4565	1.36%
1J: Packaging	<0.0001	<0.01%
1M: Manufacturing Consumables	0.6706	1.99%
1Z: PCB Printed Circuit Board	1.5051	4.47%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	1.4791	4.39%
2C: SMD Semiconductor Category	1.9359	5.75%
2D: SMD Inductor Category	0.0013	<0.01%
4A: Screws, Washers, Copper Columns	0.0378	<0.01%
4B: Stickers	0.0001	<0.01%
5A: Outer Box	<0.0001	<0.01%
5B: Casing	0.0071	<0.01%