SUSTAINABLE DEVELOPMENT GROUP
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SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
XDR-75E	4.64	Raw Material Manufacturing	4.43	95.47	XDR-75E-24	2026/3/24
		Raw Material Transportation	0.01	0.22		
		Power Supply Manufacturing	0.20	4.31		

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	4.4266	100.00%
1*: CASE Category	0.0922	2.08%
1A: Resistance Category	0.4504	10.17%
1B: Capacitance Category	0.7211	16.29%
1C: Semiconductor Category	1.2526	28.30%
1D: Inductor Category	0.5125	11.58%
1E: Electronic Components Category	0.0700	1.58%
1G: Metal Category	0.0384	0.87%
1H: Insulation, Plastic Category	0.0267	0.60%
1J: Packaging	0.0952	2.15%
1Z: PCB Printed Circuit Board	0.3497	7.90%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.0986	2.23%
2C: SMD Semiconductor Category	0.7058	15.94%
4A: Screws, Washers, Copper Columns	0.0127	<0.01%
4B: Stickers	0.0001	<0.01%
5A: Outer Box	<0.0001	<0.01%
5B: Casing	0.0008	<0.01%
5D: Cardboard	<0.0001	<0.01%

SDG Group Carbon Neutrality Team