

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
XLN-25	1.73	Raw Material Manufacturing	1.61	93.08	XLN-25-H	2024/2/11
		Raw Material Transportation	0.02	1.15		
		Power Supply Manufacturing	0.10	5.77		

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 MWPPro database coefficients.

Raw Material Category	Raw Material Manufacturing Emission(KgCO2e)	Percentage
Subtotal	1.6141	100.00%
1*: CASE Category	0.1500	9.29%
1A: Resistance Category	0.1510	9.35%
1B: Capacitance Category	0.1440	8.92%
1D: Inductor Category	0.3359	20.81%
1E: Electronic Components Category	0.0031	<0.01%
1F: Wire, Connector, AC Cable	0.0291	1.80%
1J: Packaging	0.0581	3.60%
1M: Manufacturing Consumables	<0.0001	<0.01%
1Z: PCB Printed Circuit Board	0.2180	13.51%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.2323	14.39%
2C: SMD Semiconductor Category	0.2600	16.10%
2D: SMD Inductor Category	0.0328	2.03%
4B: Stickers	0.0001	<0.01%
5A: Outer Box	<0.0001	<0.01%

SDG Group Carbon Neutrality Team