SUSTAINABLE DEVELOPMENT GROUP
MEAN WELL | POWERNEX | SHARE WELL | FOUNDATION

W: www.SDG-MPS.com
E: info@meanwell.com
T: +886- 2- 2299-6100

SDG Group Product Carbon Footprint Declaration

Product Series	Carbon Footprint (KgCO2e/pcs)	Stage	Carbon Emission (KgCO2e)	Percentage (%)	Reference Model	Update Date
HEP-2300	96.18	Raw Material Manufacturing	87.34	90.81	HEP-2300-55	2024/2/7
		Raw Material Transportation	0.17	0.18		
		Power Supply Manufacturing	8.67	9.01		

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	87.3386	100.00%
1*: CASE Category	3.8275	4.38%
1A: Resistance Category	1.8923	2.17%
1B: Capacitance Category	2.7664	3.17%
1C: Semiconductor Category	9.9906	11.44%
1D: Inductor Category	15.1389	17.33%
1E: Electronic Components Category	0.4734	0.54%
1F: Wire, Connector, AC Cable	0.0499	<0.01%
1G: Metal Category	0.3471	<0.01%
1H: Insulation, Plastic Category	0.9346	1.07%
1J: Packaging	0.0019	<0.01%
1K: Material Processing	<0.0001	<0.01%
1M: Manufacturing Consumables	39.3924	45.10%
1Z: PCB Printed Circuit Board	3.3681	3.86%
2A: SMD Resistance Category	<0.0001	<0.01%
2B: SMD Capacitance Category	0.7397	0.85%
2C: SMD Semiconductor Category	6.1621	7.06%
2D: SMD Inductor Category	0.0644	<0.01%
2N: Surface Mount Device Others	<0.0001	<0.01%
4A: Screws, Washers, Copper Columns	0.1587	<0.01%
4B: Stickers	0.0055	<0.01%
5A: Outer Box	1.0962	1.26%
5B: Casing	0.0001	<0.01%
5F: Pulp Molding	0.9288	1.06%

SDG Group Carbon Neutrality Team