



Product Carbon Footprint

Samsung has recently performed the carbon footprint of products to better understand potential environmental impacts may caused from the product through its whole life cycle including ; pre-manufacturing; product manufacturing; distribution; product use; and disposal phase. The assessment has been completed in accordance with ISO 14067 - Grennhouse gases - Carbon footprint of products - Requirements and guidelines for quantification.

Product category	Smart Signage Display
Model name	LH55QHCEBGXEN
Product features	⊙ Screen Size : 55 Inch
	⊙ Net Weight : 21.1 kg
Life time	5 years
Amount of electricity consumed in the use phase	109 W
Cabron footprint Evaluation Methodology	ISO 14067

Carbon footprint Results

Product Phase	Emissions per f.u (kg CO2e/f.u)
Pre manufacturing	400.7
Product Manufacturing	1.8
Distribution	16.4
Use	1390.4
Disposal	4.9
Total	1814.2

※ Usage Scenario : 24hours On mode, 5 years

※ Electricity Carbon Emission Factor : European Union (IEA2022)

※ CO2 Emission results may vary from region and time of evaluation.

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