



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	LH43QHCEBGXEN
Product features	⊙ Screen Size : 43 Inch
	⊙ Net Weight : 11.8 kg
Life time	5 years
Amount of electricity consumed in the use phase	84 W
Cabron footprint Evaluation Methodology	ISO 14067

Carbon footprint Results

Product phase	Emissions per f.u (kg CO2e/f.u)
Pre manufacturing	280.4
Product manufacturing	1.8
Distribution	9.6
Use	1071.5
Disposal	3.2
Total	1366.4

※ 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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