



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 | LH50QHCEBGXEN |
| Product features | ⊙ Screen Size : 50 Inch |
| | ⊙ Net Weight : 16.2 kg |
| Life time | 5 years |
| Amount of electricity consumed in the use phase | 108 W |
| Cabron footprint Evaluation Methodology | ISO 14067 |

Carbon footprint Results

| Product phase | Emissions per f.u (kg CO2e/f.u) |
|-----------------------|---------------------------------|
| Pre manufacturing | 336.8 |
| Product manufacturing | 1.8 |
| Distribution | 12.9 |
| Use | 1377.6 |
| Disposal | 4.1 |
| Total | 1733.3 |

※ 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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