



Product Carbon Footprint

Samsung has recently performed the carbonfoot print 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 PAS2050: 2011 - Sepcification for the assesment of the life cycle greenhous gas emissions of goods and services.

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|---|--------------------------------------|
| Product category | Smart Signage Display |
| Model name | LH43QBBEBGCXEN |
| Product features | ⊙ Screen Size : 43 Inch |
| | ⊙ Set Size : 967.5 x 557.7 x 48.3 mm |
| | ⊙ Net Weight : 13.3 kg |
| Life time | 5 years |
| Amount of electricity consumed in the use phase | 79 W |
| Cabron foot print Evaluation Methodology | PAS2050 : 2011 |

Carbon footprint Results

| Product Phase | Emissions per f.u (kg CO2e/f.u) |
|-----------------------|---------------------------------|
| Pre manufacturing | 328.0 |
| Product Manufacturing | 0.9 |
| Distribution | 1.2 |
| Use | 673.9 |
| Disposal | 3.8 |
| Total | 1007.7 |

※ Usage Scenario : 16hours On mode, 8hours Standby, 5 years

※ Electricity Carbon Emission Factor : EU Average (IEA2022)

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

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