

Verification Opinion Statement

Organization	Elkat Electronics (M) Sdn. Bhd. Lot 4994, Jalan Chui Chak Kampung Langkap 36700 Langkap, Perak
Opinion No.	PCFV 814090
CFP Statement	Elkat Electronics (M) Sdn. Bhd. Carbon Footprint of Product Study Report Product: Samsara Cable Assembly (CBL-VG-CJ1939) Publication date: 4 December 2024 Document reference number: F-ED-189
Level of Assurance	Reasonable
Materiality	5%
Period of Data Collection	1 January 2023 to 31 December 2023
Criteria	ISO14067:2018
Product System Boundary	Cradle to Gate
Product Category Rules	N/A
Declared Unit	Per piece (length: 1,256 mm; weight: 0.29 kg) with packaging
CFP Database	Elkat Electronics (M) Sdn Bhd – Samsara cable assembly (CBL-VG-CJ1939) ISO 14067 CFP Study Worksheet - Rev3
CFP Result	Refer to Appendix
Signed on behalf of BSI	Evelyn Chye - Managing Director, BSI Malaysia



Originally Issued Date: 2024-12-20

Effective Date: 2024-12-20

Latest Revision Date: 2024-12-20

Expiry Date: 2026-12-19

...making excellence a habit.™

Appendix:

Result of Product Carbon Footprint

Life cycle stages		Emissions (kg CO ₂ e)
Acquisition of raw material and packaging		4.417
Transportation of raw material and packaging		0.0403
Manufacturing	Fuel	0.0007
	Electricity	0.3366
	Waste disposal	0.0296
Total		4.824

Additional information

- No material misstatements in this product life cycle greenhouse gas emission statement were revealed.
- The product life cycle GHG data quality was verified to be acceptable against the requirements of ISO 14067:2018.
- The product system boundary is consistent with its system boundary definition in the CFP report for product carbon footprint, stages of life cycle include the acquisition of raw material and packaging, transportation of raw material and packaging and manufacturing activities including consumption of fuel, electricity and waste generation.
- The site-specific data include related facilities from its own processes under the operational control of the organization and individual processes under the financial or operational control of the organization undertaking the CFP study.
- The resources of secondary data include the public documents , Ecoinvent 3.9.1, Ecoinvent V2.2 and ELCD 3.2
- This statement shall be valid for a maximum period of two years after the latest issue date on this certificate. Should there be a change in the life cycle of the product are being assessed, the validity of this opinion statement will cease.

The British Standards Institution is independent of the Elkat Electronics (M) Sdn. Bhd. and has no financial interest in the Elkat Electronics (M) Sdn. Bhd. This Opinion Statement has been prepared exclusively for the Elkat Electronics (M) Sdn. Bhd. for the purposes of verifying its statements relating to its carbon emissions more particularly described in the scope. It was not prepared for any other purpose. The British Standards institution will not, in providing this Opinion Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used or to any person by whom the Opinion Statement may be read. This Opinion Statement is prepared on the basis of review by The British Standards Institution of information presented to it by the Elkat Electronics (M) Sdn. Bhd. The review does not extend beyond such information and is solely based on it. In performing such review, The British Standards Institution has assumed that all such information is complete and accurate. Any queries that may arise by virtue of this Opinion Statement or matters relating to it should be addressed to Elkat Electronics (M) Sdn. Bhd.

BSI Malaysia Headquarters: Suite 29.01, Level 29, The Gardens North Tower, Mid Valley City, Lingkaran Syed Putra, 59200 Kuala Lumpur
BSI Malaysia is a subsidiary of British Standards Institution.