



BS ISO 5474-1:2024

BSI Standards Publication

Electrically propelled road vehicles — Functional and safety requirements for power transfer between vehicle and external electric circuit

Part 1: General requirements for conductive power transfer



National foreword

This British Standard is the UK implementation of ISO 5474-1:2024. Together with BS ISO 5474-4:2024, it partially supersedes BS EN ISO 19363:2021. It partially supersedes BS EN ISO 17409:2020.

The UK participation in its preparation was entrusted to Technical Committee PEL/69, Electric vehicles.

A list of organizations represented on this committee can be obtained on request to its committee manager.

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2026
Published by BSI Standards Limited 2026

ISBN 978 0 539 15272 2

ICS 43.120

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 May 2026.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------