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Electric mopeds and motorcycles — Terminology and classification



National foreword

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Electric mopeds and motorcycles - Terminology and classification

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Foreword

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The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 38, *Motorcycles and mopeds*.

Electric mopeds and motorcycles - Terminology and classification

1 Scope

This Technical Report establishes a vocabulary of terms and the related definitions used in ISO/TC 22/SC 38 standards. These terms are specific to the electric propulsion systems of electrically propelled mopeds and motorcycles.

2 Terms and definitions

2.1 Complete motorcycle/moped

2.1.1 Type of Electric motorcycle and electric moped

2.1.1.1

motorcycle

two-wheeled motor-driven vehicle or three-wheeled motor-driven vehicle whose unladen weight does not exceed 400 kg

Note 1 to entry: Mopeds (2.1.1.2), as defined in 2.4, are not included in this definition.

[SOURCE: ISO 3833:1977, 3.5]

2.1.1.2

moped

two-wheeled or three-wheeled motor-driven vehicle with a maximum design speed not exceeding $50\,\mathrm{km/h}$

Note 1 to entry: If the driving motor is an engine, its displacement or equivalent *capacity* (2.3.3.2) must not exceed 50 cm³.

[SOURCE: ISO 3833:1977, 3.4]

2.1.1.3

electric vehicle

electrically propelled vehicle

EV

vehicle with one or more electric drive(s) for vehicle propulsion

[SOURCE: ISO 13063:2012, 3.19]

2.1.1.4

battery-electric vehicle

BEV

electric vehicle (2.1.1.3) with only a *traction battery* (2.3.1.3) as the power source for vehicle propulsion

Note 1 to entry: The abbreviation BEV is often shortened to ${\sf EV}$.

[SOURCE: ISO 13063:2012, 3.6]