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Electric mopeds and motorcycles — Terminology and classification

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National foreword

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TECHNICAL
REPORT

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**Electric mopeds and motorcycles -
Terminology and classification**

*Cyclomoteurs et motocycles électriques : terminologie et
classification*



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Contents

	Page
Foreword	iv
1 Scope	1
2 Terms and definitions	1
2.1 Complete motorcycle/moped.....	1
2.1.1 Type of Electric motorcycle and electric moped.....	1
2.1.2 Construction and components.....	2
2.1.3 Performance.....	4
2.2 Electric motor and controller.....	8
2.2.1 General.....	8
2.2.2 Types of electric motors.....	8
2.2.3 Components of controller.....	8
2.2.4 Performance parameters.....	9
2.3 Battery.....	10
2.3.1 General.....	10
2.3.2 Structure and components.....	11
2.3.3 Specifications and performance.....	12
2.4 Charger.....	13
2.4.1 General.....	13
2.4.2 Charging mode.....	13
Bibliography	14

Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

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 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 EV.

[SOURCE: ISO 13063:2012, 3.6]