



SLOVENSKI STANDARD
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Mopedi in motorna kolesa na električni pogon - Varnostne zahteve za prevodno (kabelsko) priključitev na zunanje električno napajanje (ISO 18246:2015)

Electrically propelled mopeds and motorcycles - Safety requirements for conductive connection to an external electric power supply (ISO 18246:2015)

Cyclomoteurs et motocycles à propulsion électrique - Exigences de sécurité relatives au couplage conducteur à une station extérieure d'alimentation d'énergie (ISO 18246:2015)

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**Electrically propelled mopeds and
motorcycles — Safety requirements
for conductive connection to an
external electric power supply**

*Cyclomoteurs et motocycles à propulsion électrique — Exigences
de sécurité relatives au couplage conducteur à une station extérieure
d'alimentation d'énergie*



Reference number
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Contents

Page

Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Environmental and operational conditions	6
5 General requirements	6
6 Connection between the plug or vehicle couplers and RESS of the vehicle	6
6.1 General connection.....	6
6.1.1 Connections among charger, RESS, and vehicle.....	6
6.1.2 General requirements for connection.....	7
6.1.3 Requirements for connection or no connection to the earth.....	8
6.1.4 Service life of the vehicle inlet.....	14
6.1.5 Vehicle behaviour during charging.....	14
6.2 A.C. connection.....	15
6.2.1 Requirements for the connection to a.c. supply network (mains).....	15
6.2.2 Requirements of connection and/or disconnection process in a.c. contacts.....	15
6.2.3 Protection from unintended voltage for a.c. connection.....	15
6.3 D.C. connection.....	15
6.3.1 Requirements of connection and/or disconnection process in d.c. contacts.....	15
6.3.2 Protection from unintended voltage for d.c. connection.....	16
6.3.3 Specific requirements.....	16
7 Protection of persons against electric shock	16
7.1 General requirements.....	16
7.2 Requirements and measures for voltage class A on-board components.....	16
7.3 Requirements and measures for the voltage class B on-board charging system.....	16
7.3.1 Requirements for the on-board charging system.....	16
7.3.2 Protection under single failure conditions.....	17
7.3.3 Requirements of barrier/enclosures.....	17
7.3.4 Requirements of insulation.....	17
7.3.5 Requirements of potential equalization.....	17
7.4 Protection degrees.....	18
7.4.1 General.....	18
7.4.2 Requirements of the protection degree of barrier/enclosures against electric shock.....	18
8 Other requirements for the on-board charging system	18
8.1 General test requirements of on-board equipment.....	18
8.2 Degree of protection of on-board equipment.....	18
8.3 Dielectric withstand characteristics of on-board equipment.....	19
8.3.1 Test voltage not conductively connected to the parts.....	19
8.3.2 Dielectric withstand voltage of voltage class A direct current part.....	20
8.4 Isolation resistance requirements of on-board equipment.....	20
8.4.1 General.....	20
8.4.2 Additional protection measures for the a.c. circuit connected to the d.c. circuit of the on-board equipment.....	20
8.5 Creepage distance of on-board equipment.....	21
8.6 Clearance of on-board equipment.....	21
8.7 Touch current.....	22
8.8 Requirements for the emission of hazardous gases and other hazardous substances.....	22
8.9 Environmental tests.....	23
8.9.1 General.....	23

ISO 18246:2015(E)

8.9.2	Ambient air temperature.....	23
8.9.3	Ambient humidity.....	23
8.9.4	Ambient air pressure	23
8.10	Permissible surface temperature.....	23
8.11	Environmental conditions.....	23
8.12	Unintentional charging system behaviour.....	24
8.13	Electromagnetic compatibility.....	24
8.13.1	Susceptibility.....	24
8.13.2	Emissions.....	24
8.14	Service.....	24
9	Marking, instructions, and indications.....	24
9.1	Marking.....	24
9.2	Legibility.....	24
9.3	Connection instructions.....	25
9.4	Indication.....	25
	Annex A (informative) Charging types.....	26
	Bibliography.....	33

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*.

If there is any lack of requirements especially for safety issues in this International Standard, the requirement in other relevant standards, such as ISO 17409, is adopted.

ISO 18246:2015(E)**Introduction**

This International Standard prescribes basic safety requirements for electrically propelled mopeds and motorcycles, which are called electric vehicles, for simplicity, in this International Standard, while connected to an external electric power supply. The safety requirements for off-board chargers are described in IEC 60335-2-29 and will be described in the IEC 61851-3 series (under consideration).

This International Standard does not consider discharging from vehicle to grid.

This International standard does not standardize specific charging method.

Moped and motorcycle are defined in ISO 3833:1977, 3.4 and 3.5.